

**New!****Deep Cycle Batteries**

These AGM 12-volt batteries are ideal for Amateur radio applications, or for any time you need long-lasting, portable power. They're spill-proof, vibration resistant and will mount in any position. The batteries are safe for indoor use and will survive long periods of slow discharge, making them perfect for EMCOMM trailers. You can also use these batteries in mobile installations that typically draw more power than your alternator can handle.

YellowTop Deep Cycle batteries have SAE automotive-style terminals while BlueTop Deep Cycle Marine batteries have both automotive-style terminals and threaded studs.

Part Number	Description	Cranking Amps at 0° F	Reserve Capacity	BCI Group Number	Price
ULT-9012-021	YellowTop	750	120 Minutes	34	\$209.97
ULT-9014-045	YellowTop	750	120 Minutes	34/7	\$215.97
ULT-9050-160	YellowTop	900	155 Minutes	31T	\$285.97
ULT-9051-160	YellowTop	900	155 Minutes	31A	\$285.97
ULT-9016-103	BlueTop	750	120 Minutes	34	\$209.97
ULT-9027-127	BlueTop	800	140 Minutes	27	\$245.97
ULT-9052-161	BlueTop	900	155 Minutes	31	\$275.97

Deep Cycle Batteries can only be shipped by ground.

**Digital 1200 Battery Charger**

A battery charger for the 21st century! This charger can recover deeply discharged batteries and extend battery life. It features an LCD display and intuitive GUI that indicates charging status, plus an integrated work light. The Digital 1200 even includes a USB port to charge your smart phone and other USB-powered devices. It accepts 100 to 120 Vac, has up to 14.9 Vdc output and can be used for flooded and AGM batteries—find all the specs at DXEngineering.com.

ULT-150-34178 Digital 1200 Battery Charger**\$199.99**

Digital 400 Battery Charger

Use this charger to maximize your battery's life and performance. It has many of the features of its big brother, the Digital 1200, only in a more compact package. The Digital 400 is a must-have for portable and EMCOMM operators, or anyone who relies on battery power. This charger has an easy-to-read display and intuitive controls for straightforward operation. The Digital 400 also includes reverse-polarity and over-temperature protection.

ULT-150-40008 Digital 400 Battery Charger**\$109.97**

New!**Battery Tender Systems**

If you're running a high-power mobile rig, dual batteries or a battery-powered standalone EMCOMM trailer, it's a good idea to take care of your battery. Deltran offers you several fantastic options in the Battery Tender line. Much better than simple trickle chargers, these units are packed with features to ensure that you'll have plenty of reliable DC on hand when you need it.

**Battery Tender Plus**

Designed to charge and maintain batteries at the proper storage level, the Battery Tender Plus is the flagship of Deltran's Battery Tender line. Using a three-step charging mode (bulk charge, absorption and float), the Battery Tender Plus keeps your battery charged without the damaging effects of a basic trickle charger. It features a quick-connect harness, reverse polarity protection and auto-switching between charging modes. It even reacts to ambient temperatures, adjusting charging power to ensure that your battery is ready to go, when you need it.

DTN-021-0128 Battery Tender Plus **\$51.87**

Battery Power Tender Plus

The Battery Power Tender Plus can charge and maintain both sealed maintenance-free batteries and traditional lead-acid batteries. Its four-step charging program is microprocessor-controlled to avoid damaging your battery while charging, and it features reverse polarity protection for trouble-free use.

DTN-0220142DLWHB Battery Power Tender Plus..... **\$101.20**

Battery Tender Waterproof 800

Great for the field, the Battery Tender Waterproof 800 Charging System packs 800 mA of charging power into a compact package. It will constantly monitor your battery, making sure that it maintains optimum performance levels. The Waterproof 800 features short circuit and reverse polarity protection and resists the elements for years of trouble-free use.

DTN-022-0150DLWH Battery Tender Waterproof 800..... **\$39.33**

Battery Tender Junior

If you're small on space but big on power demands, ensure you have a steady supply of DC with Deltran's Battery Tender Plus Junior. It has many of the powerful features of its big brothers in a small, extremely portable and lightweight package. It's spark-proof, with reverse polarity protection and a two-color LED indicates your battery's charging state.

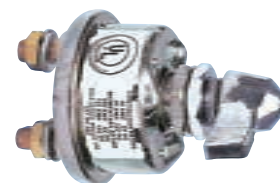
DTN-021-0123 Battery Tender Junior..... **\$25.30**

Easy International Ordering. DXEngineering.com has a simple shipping calculator that can give you an exact price total before you check out. No matter what country you're in, we can get you the parts and gear you need to get on the air. Same-day shipping means you'll get it quickly, too.

Battery Disconnect Switch

This switch gives you a quick way to positively shut off power from your battery. This combats unwanted drain, while helping to ensure that your battery remains charged until you need it. Rated for 20 amps continuous, it will also handle short duration surge loads of 125 amps.

SUM-G1432 Battery Disconnect Switch..... **\$20.97**

**Analog Voltmeter Gauges**

Keep a close eye on your 12-volt DC power with these precise gauges. With a 10- to 18-volt sweep, these 2.625" diameter backlit gauges will work great in your car, shack or portable rig.

SUM-G2939 Analog Voltmeter Gauge, White Face **\$18.97**

SUM-G29119 Analog Voltmeter Gauge, Black Face..... **\$25.97**



MFJ-4035MV 30/35 Amp Regulated Linear DC Power Supply

A massive 19.2 pound transformer makes this heavy-duty power supply ideal for powering your entire station, including your 100 watt transceiver and all accessories. It delivers 35 amps maximum/30 amps continuous with load regulation better than 1%. Ripple voltage is less than 30 mV. No RF hash!

The unit has over-voltage, foldback short circuit and over-temperature protection systems. Cooling fan speed increases as load current increases to keep components cool. It has a front panel voltage adjustment (1 to 14 Vdc) with a convenient detent set at 13.8 Vdc. The front panel meters let you monitor voltage and current. Three sets of output terminals include a pair of heavy-duty, five-way binding posts for HF/VHF rigs. Two pairs of quick-connects for accessories, covered cigarette lighter socket and front panel fuse holder included. The unit plugs into any 110 Vac wall outlet. Dimensions: 9.5" W x 6" H x 9.75" D.

MFJ-4035MV Linear Power Supply, 35 Amp, 13.8 Vdc \$149.95

MFJ

AC Line RFI Filter

Squash that annoying RF hash coming from your AC power line. These filters significantly reduce the noise, transients and surges coming from your shack and the environment. This unit also features nanosecond-fast over-voltage protection. It is made for 120 Vac and has four receptacles.

MFJ-1164B AC Line RFI Filter..... \$69.95

MFJ

Super Battery Booster

Your mobile rig may not always get a stable 13.8 Vdc from your vehicle's battery. To combat the fluctuations in power and keep your radio operating at its fullest potential, install this MFJ Battery Booster. It ensures a steady stream of 13.8 Vdc and can be tailored to specific voltage limits, protecting your battery from over-discharge. An internal 30 amp input fuse prevents excess output and this unit has over-voltage protection. Input voltage and output voltage are adjustable.

MFJ-4416B Super Battery Booster \$149.95

Battery Box Kit

If you're building an EMCOMM trailer or installing an auxiliary battery in your trunk, make sure it's protected. The kit includes the box, case straps, cable straps, J-bolts, connectors, grommets and hardware. You'll also get 20' of 2-gauge positive and 3' of negative battery cable.

The box is made from marine-grade polyethylene and measures 15" L x 9" W x 10.5" H.

SUM-G1200A Battery Box Kit..... \$99.97

Individual Components

SUM-G1199-1 Battery Box, Red \$14.97
SUM-G1210 Battery Box, Black..... \$14.97
SUM-G1201 7 1/4" x 13 1/8" Tray with Bracket..... \$25.97
SUM-G1202 Wing Nut Hold-Down..... \$9.25

Powermaster Battery Isolator

We've all been there: a busy Field Day or DXpedition. You make plenty of contacts while your gear sips a steady diet of voltage from your car's auxiliary battery. When it's time to leave—your car won't start!

Using an auxiliary battery doesn't always protect your primary battery from draining. Powermaster's Battery Isolator prevents this unwanted drain. It ties your batteries together, allowing them both to charge from your engine's alternator. Since your auxiliary battery is isolated, it won't drain the charge from your primary battery in the event of excess load.

Use Powermaster's Battery Isolator when you're operating off your vehicle's battery power and keep yourself from being stranded.

PWM-903 Powermaster Battery Isolator \$109.97

MFJ



No RF Hash! These power supplies are clean. Your buddies won't hear any RF hash on your signal...and you won't hear any from your receiver either. Some other competing power supplies may generate RF hash in your transmitted and received signal. MightyLite Switching Power Supplies meet all FCC Class B regulations.

MFJ



New!

Heavy-Duty 75 Amp Switching Power Supply

With a whopping 70A continuous/75A peak, this unit can power your mobile HF, VHF/UHF rigs or high-current accessories without breaking a sweat. Voltage output is adjustable from 4 to 16 Vdc using the front panel knob. Dual meters let you monitor voltage and current, and there are indicator LEDs to show power and fault status.

This power supply has short circuit, overload and over-temperature protection. You can hook up your equipment with binding posts, Anderson Powerpoles®, quick connects and a handy cigarette-lighter socket. It uses a whisper-quiet cooling fan.

MFJ-4275MV Heavy-Duty 75 Amp Switching Power Supply \$259.95

MFJ-4125P



MFJ-4125



MFJ-4125 25 Amp Compact Switching Power Supplies

New!

These compact power supplies won't eat up all the room on your desk, yet still provide 22A continuous/25A peak at 13.8 Vdc—enough power for a portable installation or to run a full 100 watt radio temporarily. These supplies have over-voltage and over-current protection, while a whisper-quiet fan keeps things cool. They accept 110 or 220 Vac and hookup is via either binding posts or Powerpole® connectors.

MFJ-4125 Compact Switching Power Supply,
Binding Posts..... \$84.95

MFJ-4125P Compact Switching Power Supply,
Powerpole® connectors \$94.95

MFJ-4225MV MightyLite 25 Amp Switching Power Supply

This unit features a front panel voltage control that allows you to vary output voltage from 9 to 15 Vdc and gives you a highly regulated voltage output, including 12 Vdc and 13.8 Vdc. The front panel also has five-way binding posts for heavy-duty use and a cigarette lighter socket for mobile accessories. Large, brightly illuminated 3" dual meters make it easy to monitor load voltage and current. A whisper-quiet internal fan efficiently cools your power supply.

MFJ-4225MV MightyLite Switching Power Supply, 25 Amp, 13.8 Vdc \$99.95



MFJ-4245MV MightyLite 45 Amp Switching Power Supply

It fits in the palm of your hand and is powerful enough to run your HF or 2M/440 MHz radio and accessories. This 45 amp MightyLite weighs just 5.5 lbs., seven times lighter than an equivalent conventional power supply. That means no more picking up and hauling around heavy, bulky supplies.

MFJ-4245MV MightyLite Switching Power Supply, 45 Amp, 13.8 Vdc ... \$149.95



AME-SPS-75MV 75 Amp Switching Power Supply

AMERITRON®

This power supply provides 75 amps continuous output current—ideal for use with Ameritron's ALS-500M 500 watt solid state amplifier. It has less than 100 mV peak-to-peak ripple under full load. Load regulation is better than 1.5% under full load. Other features include reverse-polarity protection, brownout input protection, over-current/over-temperature protection and a thermally-controlled quiet fan. Output voltage is variable with metering for both voltage and current.

- Input: 108-132 Vac, 50/60 Hz
- Current Draw: 11 Amps

AME-SPS-75MV 75 Amp Switching Power Supply\$244.95



**DIAMOND
ANTENNA**

GZV4000 and GZV6000 Switching Mode Power Supplies

The GZV4000 provides a variable voltage output from 5 to 15 Vdc at 40 amps, while its higher-rated counterpart the GZV6000 gives you 1 to 15 Vdc at 60 amps.

These versatile power supplies look great and offer you rock-solid performance. The attractive front panel includes a selectable meter with post, snap-on and cigarette lighter outputs. The voltage control knob has a center 13.5 Vdc detent for precise adjustability. A built-in 8 Watt speaker makes these power supplies a versatile addition to your shack's setup.

DMN-GZV4000 Switching Mode Power Supply, 40A\$169.95
DMN-GZV6000 Switching Mode Power Supply, 60A\$369.95



MFJ

Compact DC Power Supplies

These are the perfect supplies for portable and QRP operation. They are small enough to carry in briefcases or backpacks.

MFJ's 4115 Power Supply weighs a shade over one and a half pounds and easily fits into your suitcase. It can power most VHF/UHF or QRP radios while offering over-voltage and over-current protection. Hookup is via 5-way binding posts. It provides 13.8 Vdc at 17 amps, while accepting 90 to 130 Vac input.

The MFJ-4110 is the answer for the travelling operator. It plugs right in to a 110 Vac outlet with the included adapter and delivers 13.8 Vdc at 2 amps. An LED indicator lets you know it's working.

Though it's tailored for Yaesu's FT-817, the MFJ-4103 switching power supply can work with many other QRP rigs. In addition to over-current, over-temperature and over-voltage protection, the MFJ-4103 accepts 100-240 Vac at 47-63 Hz—which means you can plug it in virtually anywhere. Output is 13.8 Vdc at 2.89 amps, through a 2.1mm plug.

DXEngineering.com has detailed specs for every MFJ power supply.

MFJ-4115 MFJ Basic Switching Power Supply.....\$59.95
MFJ-4110 MFJ Power Supply\$59.95
MFJ-4103 MFJ Power Supply for FT-817.....\$46.95

MFJ

Bias-Tee Power Injector

Is your antenna array far from your shack? Here's a great way to ensure you can still get DC power down your coax to operate your remote tuners, rotor, etc. It works on frequencies from 1 to 60 MHz and has a switch to turn your remote equipment on and off. This unit requires a standard 2.1mm, 1A (max.) power adapter.

MFJ-4117 Bias-Tee Power Injector\$29.95



New!

Get Your Gear Faster. If you get your order in by 10 pm ET and the parts are in stock, DX Engineering will ship it immediately. We carry thousands of items, which means you'll get your order as quickly as possible. If you don't like to wait, count on us to get your order out quickly.

**ASTRON
CORPORATION**

SL Series Power Supplies

These low-profile linear supplies are internally adjustable to deliver 11 to 15 Vdc. They're electronically regulated, and feature over-voltage and current limiting protection.

ASR-SL-11R



ASR-SL-11R

New!

Part Number	Description	Amps Continuous/Peak	Price
ASR-SL-11A	Power Supply with Fused Cord	7A/11A at 13.8 Vdc	\$94.95
ASR-SL-11R	Power Supply	7A/11A at 13.8 Vdc	\$99.95
ASR-SL-11XLR	Power Supply, 4-Pin XLR Port	7A/11A at 13.8 Vdc	\$199.95
ASR-SL-15R	Power Supply	12A/15A at 13.8 Vdc	\$134.95

ASR-VLS-10M

**ASTRON
CORPORATION**

VLS Series Power Supplies

With an adjustable output voltage from 5 to 32 volts, these power supplies can provide DC power to a wide range of shack gear. They feature front-panel adjustable output controls, making them great bench "test" power supplies. These supplies are also great solutions if you have unique voltage requirements.



ASR-VLS-10M

New!

Part Number	Description	Amps Continuous/Peak	Price
ASR-VLS-10M	Supply with Dual Meters	8A/10A at 28 Vdc	\$169.95
ASR-VLS-25M	Supply with Dual Meters	18A/25A at 28 Vdc	\$325.95
ASR-VLS-35M	Supply with Dual Meters	27A/35A at 28 Vdc	\$379.95



ASR-LS-35M

**ASTRON
CORPORATION**

New!

LS Power Supplies

Delivering an adjustable 22 to 32 volts of regulated DC power, these Astron linear power supplies feature over-voltage protection, low-ripple and a heavy duty heat sink. Each power supply incorporates fold-back current limiting to protect it from excessive current and accidental shorts.



ASR-LS-35M

Part Number	Description	Amps Continuous/Peak	Price
ASR-LS-3A	Power Supply	3A/4A at 28 Vdc	\$79.95
ASR-LS-10A	Power Supply	8A/10A at 28 Vdc	\$129.95
ASR-LS-18A	Power Supply	12A/18A at 28 Vdc	\$204.95
ASR-LS-25A	Power Supply	18A/25A at 28 Vdc	\$279.95
ASR-LS-35A	Power Supply	27A/35A at 28 Vdc	\$309.95
ASR-LS-35M	Supply with Dual Meters	27A/35A at 28 Vdc	\$379.95

Rack Mounted Switching Power Supplies

The supplies use high-efficiency switching technology designed solely for precision communications equipment. For more versatility, they can accept 90 to 130 Vac or 180 to 264 Vac, at 50 or 60 Hz. These fan-cooled supplies deliver a consistent 13.8 Vdc.

Part Number	Description	Amps Continuous/Peak	Price
ASR-SRM-10	Power Supply	7A/10A at 13.8 Vdc	\$99.95
ASR-SRM-12	Power Supply	9A/12A at 13.8 Vdc	\$117.95
ASR-SRM-18	Power Supply	15A/18A at 13.8 Vdc	\$124.95
ASR-SRM-25	Power Supply	20A/25A at 13.8 Vdc	\$149.95
ASR-SRM-25M	Power Supply, Dual Meters	20A/25A at 13.8 Vdc	\$169.95
ASR-SRM-25-2	Dual SRM-25 Power Supplies	20A/25A at 13.8 Vdc	\$282.95
ASR-SRM-25M-2	Dual SRM-25M Power Supplies	20A/25A at 13.8 Vdc	\$314.95
ASR-SRM-30	Power Supply	25A/30A at 13.8 Vdc	\$169.95
ASR-SRM-30M	Power Supply, Dual Meters	25A/30A at 13.8 Vdc	\$189.95
ASR-SRM-30-2	Dual SRM-30 Power Supplies	25A/30A at 13.8 Vdc	\$301.95
ASR-SRM-30M-2	Dual SRM-30M Power Supplies	25A/30A at 13.8 Vdc	\$384.95



Rack Mounted Linear Power Supplies

Get consistent, reliable power using these rack mounted linear power supplies. These adjustable, solid state supplies are electronically regulated to offer less than 5mV peak to peak ripple. They incorporate fold-back current limiting and a heavy duty heat sink to ensure years of solid power delivery. Find full details at DXEngineering.com.

Rack Mounted Power Supply with 2 to 15 Vdc Adjustable Output

Part Number	Description	Amps Continuous/Peak	Price
ASR-VRM-35M-BB	Supply, Dual Meters, Battery Backup	7A/11A at 13.8 Vdc	\$389.95



ASR-RM-50M

Rack Mounted Power Supplies with 11 to 15 Vdc Adjustable Output

Part Number	Description	Amps Continuous/Peak	Price
ASR-RM-12A	Power Supply	9A/12A at 13.8 Vdc	\$135.95
ASR-RM-12A-BB	Power Supply, Battery Backup	9A/12A at 13.8 Vdc	\$159.95
ASR-RM-12M	Power Supply, Dual Meters	9A/12A at 13.8 Vdc	\$161.95
ASR-RM-12M-BB	Supply, Dual Meters, Battery Backup	9A/12A at 13.8 Vdc	\$179.95
ASR-RM-20A	Power Supply	16A/20A at 13.8 Vdc	\$164.95
ASR-RM-20A-BB	Power Supply, Battery Backup	16A/20A at 13.8 Vdc	\$179.95
ASR-RM-20M	Power Supply, Dual Meters	16A/20A at 13.8 Vdc	\$195.95
ASR-RM-20M-BB	Supply, Dual Meters, Battery Backup	16A/20A at 13.8 Vdc	\$209.95
ASR-RM-35A	Power Supply	25A/35A at 13.8 Vdc	\$299.95
ASR-RM-35A-BB	Power Supply, Battery Backup	25A/35A at 13.8 Vdc	\$329.95
ASR-RM-35M	Power Supply, Dual Meters	25A/35A at 13.8 Vdc	\$306.95
ASR-RM-35M-BB	Supply, Dual Meters, Battery Backup	25A/35A at 13.8 Vdc	\$379.95
ASR-RM-50A	Power Supply	37A/50A at 13.8 Vdc	\$349.95
ASR-RM-50A-BB	Power Supply, Battery Backup	37A/50A at 13.8 Vdc	\$409.95
ASR-RM-50M	Power Supply, Dual Meters	37A/50A at 13.8 Vdc	\$379.95
ASR-RM-50M-BB	Supply, Dual Meters, Battery Backup	37A/50A at 13.8 Vdc	\$409.95
ASR-RM-60A	Power Supply	50A/55A at 13.8 Vdc	\$439.95
ASR-RM-60A-BB	Power Supply, Battery Backup	50A/55A at 13.8 Vdc	\$499.95
ASR-RM-60M	Power Supply, Dual Meters	50A/55A at 13.8 Vdc	\$459.95
ASR-RM-60M-BB	Supply, Dual Meters, Battery Backup	50A/55A at 13.8 Vdc	\$559.95

Rack Mounted Power Supplies with 22 to 32 Vdc Adjustable Output

Part Number	Description	Amps Continuous/Peak	Price
ASR-LSRM-18A	Power Supply	12A/18A at 28 Vdc	\$319.95
ASR-LSRM-18A-BB	Power Supply, Battery Backup	12A/18A at 28 Vdc	\$314.95
ASR-LSRM-18M	Power Supply, Dual Meters	12A/18A at 28 Vdc	\$324.95
ASR-LSRM-18M-BB	Supply, Dual Meters, Battery Backup	12A/18A at 28 Vdc	\$334.95
ASR-LSRM-25A	Power Supply	18A/25A at 28 Vdc	\$359.95
ASR-LSRM-25A-BB	Power Supply, Battery Backup	18A/25A at 28 Vdc	\$344.95
ASR-LSRM-25M	Power Supply, Dual Meters	18A/25A at 28 Vdc	\$369.95
ASR-LSRM-25M-BB	Supply, Dual Meters, Battery Backup	18A/25A at 28 Vdc	\$409.95
ASR-LSRM-35A	Power Supply	27A/35A at 28 Vdc	\$404.95
ASR-LSRM-35A-BB	Power Supply, Battery Backup	27A/35A at 28 Vdc	\$518.95
ASR-LSRM-35M	Power Supply, Dual Meters	27A/35A at 28 Vdc	\$529.95
ASR-LSRM-35M-BB	Supply, Dual Meters, Battery Backup	27A/35A at 28 Vdc	\$554.95



ASR-LSRM-15

SLS Series Switching Power Supplies

Astron's SLS Series supplies are filtered specifically against RF interference, including the HF range. They also include an EMI filter, making them perfect for powering sensitive communications equipment. These supplies provide 28 Vdc, and include current limiting, over-voltage and thermal protection, and a fused input. The SLS Series supplies are also selectable for 115 or 220 Vac input at either 50 or 60 Hz for excellent versatility.

Part Number	Description	Amps Continuous/Peak	Price
ASR-SLSRM-15	Rack Mounted SLS Power Supply	12.5A/15A at 28 Vdc	\$148.95
ASR-SLSRM-15-2	Dual Rack Mounted SLS Supplies	12.5A/15A at 28 Vdc	\$284.95
ASR-SLS-15	Standalone SLS Power Supply	12.5A/15A at 28 Vdc	\$131.95



RS Power Supplies

These rugged, reliable units are electronically regulated to maintain low ripple at low-line input voltage. They provide an adjustable 11 to 15 Vdc and include fold-back current limiting to protect your power supply from excessive current and continuous shorted output. Depending on the model, you get features like crowbar over-voltage protection, heavy-duty heat sinks and chassis-mounted fuses for extra protection against overheating and shorting.

"BB" in the part number denotes models that have an integrated battery backup and trickle charger. An "M" in the part number indicates that the units have either dual or single volt/amp meters.



ASR-RS-35M

Part Number	Description	Amps Continuous/Peak	Price
ASR-RS-3A	Power Supply	2.5A/3A at 13.8 Vdc	\$51.95
ASR-RS-3L	Supply, Cigarette Lighter Port	2.5A/3A at 13.8 Vdc	\$52.95
ASR-RS-4A	Power Supply	3A/4A at 13.8 Vdc	\$59.95
ASR-RS-4L	Supply, Cigarette Lighter Port	3A/4A at 13.8 Vdc	\$57.95
ASR-RS-5A	Power Supply	4A/5A at 13.8 Vdc	\$66.95
ASR-RS-7A	Power Supply	5A/7A at 13.8 Vdc	\$72.95
ASR-RS-12A	Power Supply	9A/12A at 13.8 Vdc	\$89.95
ASR-RS-12M	Supply with Switchable Meter	9A/12A at 13.8 Vdc	\$104.95
ASR-RS-12A-BB	Supply with Battery Backup	9A/12A at 13.8 Vdc	\$109.95
ASR-RS-12M-BB	Supply with Meter and Backup	9A/12A at 13.8 Vdc	\$121.95
ASR-RS-20A	Power Supply	16A/20A at 13.8 Vdc	\$109.95
ASR-RS-20M	Supply with Dual Meters	16A/20A at 13.8 Vdc	\$134.95
ASR-RS-20A-BB	Supply with Battery Backup	16A/20A at 13.8 Vdc	\$139.95
ASR-RS-20M-BB	Supply with Meters and Backup	16A/20A at 13.8 Vdc	\$159.95
ASR-RS-35A	Power Supply	25A/35A at 13.8 Vdc	\$179.95
ASR-RS-35M	Supply with Dual Meters	25A/35A at 13.8 Vdc	\$199.95
ASR-RS-50A	Power Supply	37A/50A at 13.8 Vdc	\$279.95
ASR-RS-50M	Supply with Dual Meters	37A/50A at 13.8 Vdc	\$319.95
ASR-RS-70A	Power Supply	57A/70A at 13.8 Vdc	\$349.95
ASR-RS-70M	Supply with Dual Meters	57A/70A at 13.8 Vdc	\$349.95



VS Power Supplies

Astron's VS line of 13.8 Vdc power supplies have the same reliable performance of the RS line. These models also feature front-panel knobs, so you can easily adjust output from 2 to 15 Vdc. They include separate front-panel volt and amp meters.



ASR-VS-35M

Part Number	Description	Amps Continuous/Peak	Price
ASR-VS-12M	Power Supply	9A/12A at 13.8 Vdc	\$151.95
ASR-VS-20ML	Supply, Cigarette Lighter Port	16A/20A at 13.8 Vdc	\$154.95
ASR-VS-35M	Power Supply	25A/35A at 13.8 Vdc	\$207.95
ASR-VS-50M	Power Supply	37A/50A at 13.8 Vdc	\$309.95
ASR-VS-70M	Power Supply	57A/70A at 13.8 Vdc	\$399.95



SS Series Switching Power Supplies

If you need a power supply that doesn't eat up the space on your desk, Astron offers these low profile options. They deliver a steady 13.8 Vdc and are built to be immune to RFI. These supplies include an EMI filter to resist RFI, even in the HF bands.

The "M" in the part number denotes models that include front panel volt and amp meters.



ASR-SS-25M

Part Number	Description	Amps Continuous/Peak	Price
ASR-SS-10	Power Supply	7A/10A at 13.8 Vdc	\$84.95
ASR-SS-12	Power Supply	10A/12A at 13.8 Vdc	\$83.95
ASR-SS-18	Power Supply	15A/18A at 13.8 Vdc	\$104.95
ASR-SS-25	Power Supply	20A/25A at 13.8 Vdc	\$119.95
ASR-SS-25M	Supply with Dual Meters	20A/25A at 13.8 Vdc	\$139.95
ASR-SS-30	Power Supply	25A/30A at 13.8 Vdc	\$129.95
ASR-SS-30M	Supply with Dual Meters	25A/30A at 13.8 Vdc	\$149.95



SXA-07093



DC/AC Modified Sine Wave Inverters

If you just need reliable DC power for your tools, lights or appliances, then you don't need a full, pure sine converter. Save yourself some money and check out these modified DC/AC converters. They convert 12- or 24-volt DC input voltage into reliable 120-Volt AC. The modified sine design means you still get rock-solid power with a gentler bite on your wallet.

SXA-06204



DC/DC Step-Up Converters

Perfect for atypical or higher voltage DC applications, these negative-ground converters can give you clean DC power along with over-voltage and polarity protection, plus temperature-controlled current limiting. You can find the complete specs on each unit at DXEngineering.com.

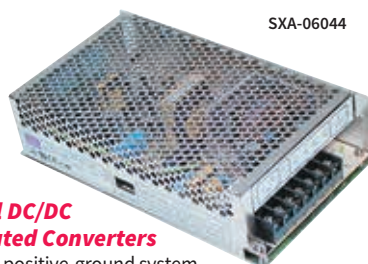
SXA-06701



Isolated DC/DC Converters

If you need to convert precise DC voltages, even in positive-ground systems, Samlex offers several proven options. These converters feature over-voltage, reverse polarity and short-circuit protection, plus fold-back current limiting. They're ideal in mobile/portable installations where clean DC power can be scarce.

SXA-06044



Mean Well DC/DC Fully Isolated Converters

If you have a positive-ground system and need a reliable step-down converter to produce noise-free power, Samlex comes to your rescue. These converters are fully isolated, which means they're compatible with both negative- and positive-ground systems. They all also feature automatic short-circuit, overload and over-voltage protection.

DXE Number	Samlex Number	Description	Receptacles	Surge Capability	Price
SXA-07093	PSE-12125A	1,250 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC	2,500 Watts	\$269.95
SXA-07103	PSE-12175A	1,750 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC	3,500 Watts	\$319.95
SXA-07113	PSE-12275A	2,750 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	1 AC	4,500 Watts	\$604.95
SXA-07174	PSE-24275A	2,750 Watt Modified Sine DC/AC Inverter, 24 Vdc Input	1 AC	4,500 Watts	\$649.95
SXA-07184	PSE-24175A	1,750 Watt Modified Sine DC/AC Inverter, 24 Vdc Input	2 AC	3,500 Watts	\$329.95
SXA-07806	SAM-100-12	100 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	1 AC 1 USB	200 Watts	\$20.95
SXA-07807	SAM-250-12	250 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	1 AC 1 USB	500 Watts	\$24.95
SXA-07808	SAM-450-12	450 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC 1 USB	900 Watts	\$34.95
SXA-07828	SAM-450-12E	450 Watt Modified Sine DC/AC Inverter, 12 Vdc	1 AC 1 USB	900 Watts	\$39.95
SXA-07809	SAM-800-12	800 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC 1 USB	1,600 Watts	\$64.95
SXA-07812	SAM-1000-12	1,000 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC	2,000 Watts	\$99.95
SXA-07817	SAM-1500-12	1,500 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	2 AC	3,000 Watts	\$189.95
SXA-07827	SAM-2000-12	2,000 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	3 AC	4,000 Watts	\$254.95
SXA-07836	SAM-7836	3,000 Watt Modified Sine DC/AC Inverter, 12 Vdc Input	3 AC	6,000 Watts	\$369.95

DXE Number	Samlex Number	Description	Input Range	Output Range	Price
SXA-06204	VTC305-12-24	DC/DC Step-Up Converter	10.5-28 Vdc	12-27 Amps at 24-27.5 Vdc	\$809.95
SXA-06214	VTC605-12-24	DC/DC Step-Up Converter	10.5-28 Vdc	20-45 Amps at 24-27.5 Vdc	\$914.95
SXA-06760	STEP 7	DC/DC Step-Up Converter	9-18 Vdc	7 Amps at 24 Vdc	\$99.95
SXA-06765	STEP 10	DC/DC Step-Up Converter	9-18 Vdc	10 Amps at 24 Vdc	\$134.95

DXE Number	Samlex Number	Description	Input Range	Output Range	Price
SXA-06701	IDC-100A-12	Step-Up Isolated DC/DC Converter	9-18 Vdc	8A at 12.5 Vdc	\$119.95
SXA-06706	IDC-100A-24	Step-Up Isolated DC/DC Converter	9-18 Vdc	4A at 24.5 Vdc	\$119.95
SXA-06708	IDC-100C-24	Isolated DC/DC Converter	30-60 Vdc	4A at 24.5 Vdc	\$119.95
SXA-06720	IDC-200A-12	Isolated DC/DC Converter	9-18 Vdc	16A at 12.5 Vdc	\$149.95
SXA-06721	IDC-200B-12	Isolated DC/DC Converter	20-35 Vdc	16A at 12.5 Vdc	\$149.95
SXA-06722	IDC-200C-12	Isolated DC/DC Converter	30-60 Vdc	16A at 12.5 Vdc	\$149.95
SXA-06723	IDC-200D-12	Isolated DC/DC Converter	60-120 Vdc	16A at 12.5 Vdc	\$149.95
SXA-06726	IDC-200A-24	Isolated DC/DC Converter	9-18 Vdc	8A at 24.5 Vdc	\$149.95
SXA-06728	IDC-200C-24	Isolated DC/DC Converter	30-60 Vdc	8A at 24.5 Vdc	\$149.95
SXA-06730	IDC-360A-12	Isolated DC/DC Converter	9-18 Vdc	30A at 12.5 Vdc	\$269.95

DXE Number	Samlex Number	Description	Input Range	Output Range	Price
SXA-06044	SD-150D-12	Fully Isolated DC/DC Converter	72-144 Vdc	12.5A at 12 Vdc	\$99.95
SXA-06054	SD-150C-12	Fully Isolated DC/DC Converter	36-72 Vdc	12.5A at 12 Vdc	\$99.95
SXA-06064	SD-150C-24	Fully Isolated DC/DC Converter	36-72 Vdc	6.25A at 24 Vdc	\$99.95
SXA-06104	SD-150B-24	Fully Isolated DC/DC Converter	19-36 Vdc	6.25A at 24 Vdc	\$99.95

More Products, Specs and Photos at DXEngineering.com



Mean Well Single Output Switching Power Supplies

For a versatile supply that delivers reliable power levels, check out these offerings from Samlex. You can adjust both input and output voltage, making these power supplies handy tools in your shack or on your bench. They are well-filtered units that give you clean, reliable power without unwanted noise and RFI. They also offer over-voltage, over-current and short-circuit protection to keep your gear safe.

DXEngineering.com has more detailed specs on each of these supplies.

DXE Number	Samlex Number	Description	Power Input Range	Power Output Range	Price
SXA-14337	RS-25-12	25 Watt Power Supply 2.1A at 12 Vdc	88-264 Vac	11.4-13.2 Vdc	\$22.95
SXA-14369	RS-50-12	50 Watt Power Supply 4.2A at 12 Vdc	88-264 Vac	11.4-13.2 Vdc	\$26.95
SXA-14306	RS-100-12	100 Watt Power Supply 8.5A at 12 Vdc	88-264 Vac	11.4-13.2 Vdc	\$44.95
SXA-14301	RS-150-12	150 Watt Power Supply 12.5A at 12 Vdc	88-132 Vac	11.4-13.2 Vdc	\$46.95
SXA-14478	SE-350-12	350 Watt Power Supply 29.0A at 12 Vdc	88-132 Vac	11.4-13.2 Vdc	\$77.95
SXA-14300	RS-25-24	25 Watt Power Supply 1.1A at 24 Vdc	88-264 Vac	22.0-27.6 Vdc	\$22.95
SXA-14310	RS-50-24	50 Watt Power Supply 2.2A at 24 Vdc	88-264 Vac	22.0-27.6 Vdc	\$26.95
SXA-14305	RS-100-24	100 Watt Power Supply 4.5A at 24 Vdc	88-264 Vac	22.0-27.6 Vdc	\$44.95
SXA-14302	RS-150-24	150 Watt Power Supply 6.5A at 24 Vdc	88-132 Vac	22.0-27.6 Vdc	\$46.95
SXA-14479	SE-350-48	350 Watt Power Supply 14.6A at 24 Vdc	90-132 Vac	22.0-27.6 Vdc	\$77.95
SXA-14125	SE-600-48	600 Watt Power Supply 12.5A at 48 Vdc	120/230 Vac Selectable	43.0-56.0 Vdc	\$159.95
SXA-14242	SE-1000-48	1,000 Watt Power Supply 20.8A at 48 Vdc	120/230 Vac Selectable	43.0-56.0 Vdc	\$249.95

Switching DC/DC Converters

Going from 24 Vdc down to 13.8 Vdc is no problem with these reliable step-down converters. If you have an input voltage of 20-35 Vdc, these converters let your expensive gear sip a steady diet of clean, stable 13.8 Vdc. Designed for negative ground, heavy-duty applications, the converters all offer over-voltage, reverse polarity and short-circuit protection, plus temperature-regulated current limiting.



DXE Number	Samlex Number	Description	Output	Price
SXA-06034	SDC-5	DC/DC Converter	5A at 13.8 Vdc	\$39.95
SXA-06036	SDC-12	DC/DC Converter	12A at 13.8 Vdc	\$54.95
SXA-06014	SDC-15	DC/DC Converter	15A at 13.8 Vdc	\$69.95
SXA-06024	SDC-23	DC/DC Converter	20A at 13.8 Vdc	\$79.95
SXA-06174	SDC-30	DC/DC Converter	30A at 13.8 Vdc	\$124.95



Desktop Switching Power Supplies

Need a rock-solid 13.8 Vdc power supply that doesn't take up half of your shack? Samlex offers compact and reliable Desktop Switching Power Supplies. They're loaded with over-current, over-voltage and short-circuit protection and are well filtered to produce clean, noise-free power.

DXE Number	Samlex Number	Description	Power Output	Price
SXA-03051	SEC-1212	120 Vac	10A at 13.8 Vdc	\$94.95
SXA-03052	SEC-1212CE	230 Vac	10A at 13.8 Vdc	\$97.95
SXA-03061	SEC-1223	120 Vac	23A at 13.8 Vdc	\$114.95
SXA-03062	SEC-3062	230 Vac	23A at 13.8 Vdc	\$120.95
SXA-03431	SEC-1235	120 Vac	30A at 13.8 Vdc	\$121.95
SXA-03435	SEC-1235M	Dual Meters, 120 Vac	30A at 13.8 Vdc	\$130.95
SXA-03064	SEC-03064	Battery Backup, 120 Vac	23A at 13.8 Vdc	\$144.95

Rackmount Switching Power Supplies

Do you have a rack in your shack? Here's a great way to get your power supply off of your desk without compromising your power needs. They all produce clean, reliable power and are available in a wide range of DC output levels. These power supplies come mounted on a two rack unit size plate and feature over-current, over-voltage and short-circuit protection to keep your gear safe.



DXE Number	Samlex Number	Description	Power Output	Price
SXA-03261	SEC-40BRM	Rackmount Power Supply with Battery Backup and Charger 120 Vac	40A at 13.8 Vdc	\$412.95
SXA-03271	SEC-60BRM	Rackmount Power Supply with Battery Backup and Charger 120 Vac	60A at 13.8 Vdc	\$466.95
SXA-03281	SEC-80BRM	Rackmount Power Supply with Battery Backup and Charger 120 Vac	80A at 13.8 Vdc	\$519.95
SXA-03291	SEC-100BRM	Rackmount Power Supply with Backup, Charger and Meter 120 Vac	100A at 13.8 Vdc	\$609.95
SXA-03312	SEC-40BRM-220	Rackmount Power Supply with Battery Backup and Charger 230 Vac	40A at 13.8 Vdc	\$463.95
SXA-03342	SEC-100BRM-220	Rackmount Power Supply with Battery Backup and Charger	100A at 13.8 Vdc	\$674.95
SXA-03364	SEC-2450BRM	Rackmount Power Supply with Backup, Charger and Meter	50A at 27.6 Vdc	\$582.95



New!

Rack Plates

These durable standard-width rack plates are a great way to get your SEC-series power supplies off your desk and into a rack. They have a black powdercoat finish and cutouts for bottom-mounted fans.

SXA-03104	Rack Plate for Single Supply, 3.5" High.....	\$33.95
SXA-03105	Rack Plate for Dual Supplies, 3.5" High.....	\$44.95

FREE Standard SHIPPING for Orders Over \$99, See Page 64 for Details



SX-07323



SX-07374



SX-07373



SX-07173



DC/AC Pure Sine Wave Inverters

Radios, computers, A/V equipment and virtually any piece of precision electronic gear need the cleanest, most stable power source to function properly. Pure sine wave inverters are the best way to keep your transceiver and shack equipment functioning at their peak.

DXE Number	Samlex Number	Power In/Out	Watts Cont./Surge	Receptacles	Price
SXA-07173	PST-15S-12A	12 Vdc/110 Vac	150/300	1 AC	\$114.95
SXA-07215	PST-600-12	12 Vdc/110 Vac	600/1,200	2 AC	\$209.95
SXA-07313	PST-30S-12E	12 Vdc/230 Vac	300/500	1 Schuko	\$164.95
SXA-07323	PST-60S-12E	12 Vdc/230 Vac	600/1,000	1 Schuko	\$235.95
SXA-07373	SWW-2000-12A	12 Vdc/115 Vac	2,000/4,000	2 AC	\$404.95
SXA-07374	SSW-1500-12A	12 Vdc/115 Vac	1,500/3,000	2 AC	\$340.95
SXA-07461	SA-300-112	12 Vsc/110 Vac	300/400	2 AC	\$174.95



Battery Backup Module

Connect this module to your power supply and battery to make a battery backup system. When your AC power fails, the unit will instantly switch to your battery. When the AC power is restored, it switches back to charging.

The module works with voltages from below 12 Vdc, up to 28 Vdc and can handle a maximum output current of 100 amps. This float-type battery charger can be an essential backbone for your shack or ECOMM setup.

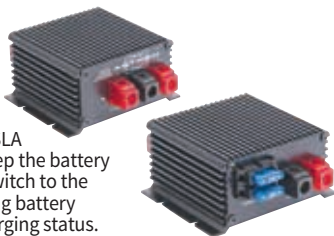
SXA-08081 BBM-12100 Battery Backup Module **\$134.95**



Battery Backup Module

Add battery backup to your shack. Just connect this unit between your power supply and a wet or SLA standby battery, and it acts as a float charger to keep the battery ready. If your AC power fails, it will automatically switch to the battery in an instant. Fuses protect the circuit during battery charge/discharge and a front LED indicates the charging status. Maximum battery load is 30A and the unit limits charging at 3.6A. The module works with 12- and 24-volt systems.

ASR-BB-30M Battery Backup Module **\$53.95**



Battery Isolating Load Protector

This unit protects your battery and its load by isolating them from a variety of power faults. In the event of excessive load, this device will disconnect the battery automatically. You can program your own fault thresholds and it can handle 40 amps.

SXA-08645 BG-40 DC Isolating Load Protector **\$79.95**



ASR-ISO4812-12



ASR-A4812-



ASR-A4812-24



Step-Down DC/DC Converters

Offering a high-efficiency DC conversion, these units are great if you've got a specialized DC power source and need it stepped-down to a stable 13.8 Vdc. They have over-voltage, short circuit and reverse polarity protection (on the input side). The non-isolated versions are designed for negative ground applications, while the fully-isolated models are ideal for positive ground systems.



ASR-ISO4812-24



Part Number	Description	Input Voltage	Max. Output Current	Price
ASR-ISO2412-12	Isolated DC Converter	22 to 32 Vdc	10A	\$94.95
ASR-ISO2412-24	Isolated DC Converter	22 to 32 Vdc	20A	\$135.95
ASR-2412-40	DC/DC Converter	22 to 32 Vdc	32A	\$199.95
ASR-A4812-12	DC/DC Converter	30 to 56 Vdc	9A	\$56.95
ASR-ISO4812-12	Isolated DC Converter	36 to 72 Vdc	10A	\$119.95
ASR-ISO4812-24	Isolated DC Converter	36 to 72 Vdc	20A	\$149.95



ASR-N2412-12



ASR-N2412-24

N2412-12 and N2412-24 DC/DC Converters

Astron has packed these converters with some impressive features, including over-voltage, over-current and short circuit protection. You can also set up these converters to turn on with your ignition switch for hassle-free operation. They accept 22-33 Vdc input with a 13.8 Vdc output. The N2412-12 delivers 10 amps of continuous current with a 12 amp peak, while the N2412-24 delivers 20 amps continuous with a 24 amp peak.

ASR-N2412-12 DC/DC Converter, 12 Amp Peak..... **\$59.95**
 ASR-N2412-24 DC/DC Converter, 24 Amp Peak..... **\$89.95**



Universal Computerized Battery Analyzer

A complete battery-test lab in a box. The "CBA" carries advanced features you won't see in a standard battery tester. It can test virtually any battery up to 55V, regardless of type, size or cell number. The analyzer handles a maximum of 40 amps and 150 watts.

Test data is displayed in easy-to-read chart and graph readouts, and there is a slick printout feature that lets you create labels to attach to the battery. That means you'll be able to keep tabs on the status of your battery.

An optional temperature probe lets you limit how hot your batteries get during testing.

WMT-58250-1015 Universal Computerized Battery Analyzer **\$189.95**
 WMT-58206-1009 USB to RS232 Interface Cable..... **\$34.95**
 WMT-58256-1020 Temperature Probe for CBA..... **\$12.95**



CBA IV

Short for "Computerized Battery Analyzer" the CBA IV is way more advanced than a simple battery tester. It can handle virtually any battery up to 55V, regardless of type, size, or cell number. It is the best way to ensure that a battery is ready for an emergency.

WMT-58250-1014 CBA IV **\$149.95**





EZ-Gate Battery Backup Switches

Get near-instantaneous switching between your battery backup and household AC power supply. These switches are designed for 13.8 Vdc, with an inline voltage drop of around .2 to .3 Vdc. Simply plug in your AC and DC power sources and use the large ring terminals to distribute power to your shack.

The EZ-Gate is suited for 40A distribution and 1A float charging, while the EZ-Gate-80 can handle 80A distribution and selectable 10/20A charging.

HSC-EZGATE-80	EZ-Gate, 80 Amp Distribution.....	\$189.95
HSC-EZGATE	EZ-Gate, 40 Amp Distribution.....	\$69.95



EZ-meter DC System Monitors

Closely monitor the condition of your DC power system with help from Hamsource. The meters display voltage and current, and have a bright LED for quick, at-a-glance status indication.

They're a great way to check power consumption and quickly detect and diagnose power issues. Plus, since the positive lead does the current sensing, you can install these in your mobile rig, too. Choose from the EZ-meter with Powerpole® connectors attached to wire leads, or the EZ Meter II with chassis-mount connectors

HSC-EZMETER	EZ-meter.....	\$79.95
HSC-EZMETERII	EZ Meter II	\$79.95

Super PWRgate PG40S

The Super PWRgate maintains a steady stream of up to 40A continuous from your power supply or battery and will instantly switch to battery backup if you lose power—you won't even notice the switchover. It also has a built-in battery charger to ensure that your battery is ready when you need it.

WMT-58403-1046	Super PWRgate PG40S	\$139.95
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PWRguard Plus PG40S

If your power supply is rapidly changing, the PWRguard Plus can sense it and shut the system down, preventing expensive damage to your equipment. You can set the voltage trip threshold and the PWRguard has in-rush current protection as an extra precaution against damage. It's rated for a maximum of 40 amps (peak) and indicator LEDs let you know it is working.

WMT-58402-1045	PWRguard Plus PG40S	\$114.95
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**Check out page 34
for our expanded
selection of Deep
Cycle Batteries.**

AGM 12-volt batteries are ideal for Amateur radio applications, or for any time you need long-lasting, portable power.



Three Stage Battery Chargers

Capable of charging flooded, AGM or Gel-Cell batteries, these UL-/ETL-approved chargers are versatile enough for multiple applications. Depending on the model, they can charge several banks of batteries simultaneously, and when sized right, they'll be able to charge a battery even while it is under load. The chargers feature an ammeter, and incorporate short circuit, overload and reverse polarity protection.

DXE Number	Samlex Number	Description	Voltage/Amperage	Price
SXA-08301	SEC-1215UL	Charger	12 Vdc/15A	\$131.95
SXA-08302	SEC-1230UL	Charger, Handles 3 Battery Banks	12 Vdc/30A	\$198.95
SXA-08305	SEC-2415UL	Charger	24 Vdc/15A	\$199.95
SXA-08306	SEC-2425UL	Charger, Dual Ammeters	24 Vdc/25A	\$320.95



Solar Charging Kits

Harness the sun to power your gear. These comprehensive kits include everything but a battery. They are expandable to 500 watts, so they're the perfect starting point for your solar powered system. The kits feature a 30 amp charge controller, a high-efficiency solar panel, solar connecting wires and mounting hardware. You can use these kits in your mobile, EMCOMM or battery backup systems. See DXEngineering.com for complete system specs.



DXE Number	Samlex Number	Description	Price
SXA-18018	SRV-50-KIT-USA	50 W Charging System, 3.2A Max. Output Current	\$542.95
SXA-18019	SRV-EXP-50-KIT-USA	Solar Panel Expansion Kit for 50 W System	\$384.95
SXA-18014	SRV-90-KIT-USA	90 W Charging System, 5.31A Max. Output Current	\$531.95
SXA-18016	SRV-EXP-90-KIT-USA	Solar Panel Expansion Kit for 90 W System	\$444.95
SXA-18015	SRV-135-KIT-USA	135 W Charging System, 8.1A Max. Output Current	\$668.95
SXA-18017	SRV-EXP-135-KIT-USA	Solar Panel Expansion Kit for 135 W System	\$574.95
SXA-08725	SOLSUM 6.6 F	Solar Charger Controller, 6 Amp Max. Current	\$28.95
SXA-08727	SOLSUM 10.10 F	Solar Charger Controller, 10 Amp Max. Current	\$62.95

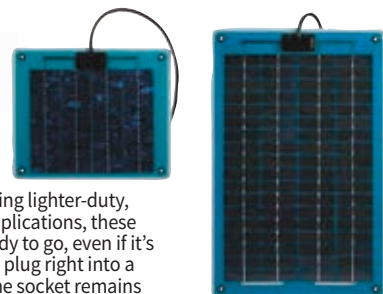


Solar Trickle Chargers

These chargers are designed for maintaining lighter-duty, 12-volt batteries. Well suited to vehicle applications, these trickle chargers will keep your battery ready to go, even if it's been sitting idle for months. The chargers plug right into a cigarette lighter socket—just make sure the socket remains on with the vehicle's key out.

They can be used in permanent or temporary installations, and are perfect solutions if you park your vehicle in a remote garage without AC power.

SXA-17031	SC-05 Solar Trickle Charger, 4.8 Peak Watts, 0.30A Output	\$70.95
SXA-17032	SC-10 Solar Trickle Charger, 9.5 Peak watts, 0.56A Output ...	\$102.95





AIP-SU4000



AIP-SU5750E



AIP-SU7500E

Power-Up with A-iPower

Prepare yourself for power outages with the steady power delivery of an A-iPower Portable generator. These 120-/240-volt AC generators feature an air-cooled 4-stroke engine, for quiet and reliable operation. There are several models available, so whether you need to power an EMCOMM station or a refrigerator, it's easy to find the perfect generator for the job. See detailed specs at DXEngineering.com.



3,750 Watt Generators

- 4.4 HP engine
- 4 gallon fuel tank with level gauge
- Low oil alert
- Recoil start
- SU4000-CARB E.O. #: U-U-164-0024

AIP-SU4000 3,750 Watt Generator,
49-State Legal...**\$386.97**

AIP-SU4000-CARB 3,750 Watt Generator,
50-State Legal...**\$415.97**

8,250 Watt Generators

- 9.7 HP engine
- 7 gallon fuel tank with level gauge
- Low oil alert
- Digital run time gauge
- Recoil and electric start
- SU-8250E-CARB E.O. #: U-U-164-0026

AIP-SU8250E 8,250 Watt Generator,
49-State Legal...**\$805.97**

AIP-SU8250E-CARB 8,250 Watt Generator,
50-State Legal...**\$832.97**

7,000 Watt Generator

- 8.1 HP engine
- 7 gallon fuel tank with level gauge
- Low oil alert
- Digital run time gauge
- Recoil and electric start

AIP-SU7500E 7,000 Watt Generator,
49-State Legal...**\$712.97**

5,750 Watt Generator

- 7 HP engine
- 7 gallon fuel tank with level gauge
- Low oil alert
- Digital run time gauge
- Recoil and electric start

AIP-SU5750E 5,750 Watt Generator,
49-State Legal...**\$659.97**

Some products are not legal for use in California or other states with similar laws/regulations. Please check your state and/or local laws/regulations.

DX ENGINEERING®

Powerpole® Accessories

Anderson Powerpole connectors are quickly becoming the industry standard for DC power. They have been adopted by RACES and ARES® for emergency service and installations. DX Engineering carries the connectors, plus a tool that makes crimping them easy and hassle-free.

DXE-PP30 Powerpole Connectors,
12-16 AWG, 30A, 10 Pairs* ...**\$12.95**

DXE-PP45 Powerpole Connectors,
10-14 AWG, 45A, 10 Pairs* ...**\$17.95**

DXE-UT-CRIMP-PWR Ratcheting Crimp Tool**\$38.95**

Powerpole® Retention Clips

Avoid accidentally pulling out your Powerpole connectors by using these clips to lock them securely to your outlet panel.

WMT-58257-1092 Powerpole Retention Clips,
Set of 12 **\$7.95**

Anderson PowerPole® Connectors

Make power cables you can count on with PowerPole connectors. Solder or crimp them with the MFJ-7602 crimping tool. Use the 30 amp connectors with #12-16 AWG wire, the 45 amp connectors with #10-14 AWG wire. Wires smaller than #12 AWG require soldering.

MFJ-11C06 30 Amp Connectors, 6 Pairs* **\$6.95**

DXE-PP30 30 Amp Connectors, 10 Pairs* **\$12.95**

DXE-PP45 45 Amp Connectors, 10 Pairs* **\$17.95**

*One pair equals (1) red and (1) black.



Multiple Outlet Panels

Answering your call for reliable and safe power distribution, these high-current outlet strips let you connect multiple pieces of gear without cluttering up your shack. They use heavy duty fused outputs to protect your equipment and are housed in an easy-to-mount aluminum chassis. Connection to your ground system is as simple as turning the wingnut on the chassis mounted lug. Fuses and 6 feet of stranded 8-gauge power cord are included.

The MFJ-1118 and MFJ-1128 also have low current on/off switching capabilities and an integrated voltmeter.



Part Number	Description	Max. Current	High Current Connections	Low Current Connections	Price
MFJ-1117	DC Power Outlet Strip	35A	2 Binding Posts	2 Binding Posts	\$64.95
MFJ-1118	Switched Outlet Strip with Meter	35A	2 Binding Posts	6 Binding Posts	\$84.95
MFJ-1124	DC Power Outlet Strip	40A	2 Powerpole®	2 Powerpole®	\$64.95
MFJ-1128	Switched Outlet Strip with Meter	40A	3 Powerpole®	9 Powerpole®	\$104.95

ATC Blade Fuses

Safe, reliable circuit protection. These automotive-style fuses are compatible with the DC power distribution panels from West Mountain Radio, Hamsource and MFJ, as well as some OEM-supplied radio power cords. They're color coded for easy identification.



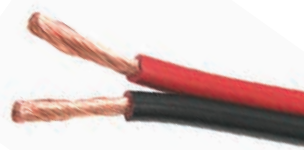
Part Number	Rating	Quantity	Price
BSS-ATC1	1 Amp	Pack of 5	\$2.97
BSS-ATC2	2 Amp	Pack of 5	\$2.97
BSS-ATC3	3 Amp	Pack of 5	\$2.97
BSS-ATC4	4 Amp	Pack of 5	\$2.97
BSS-ATC5	5 Amp	Pack of 5	\$2.97
BSS-ATC10	10 Amp	Pack of 5	\$2.97
BSS-ATC15	15 Amp	Pack of 5	\$2.97
BSS-ATC20	20 Amp	Pack of 5	\$2.97
BSS-ATC25	25 Amp	Each	\$1.97
BSS-ATC30	30 Amp	Pack of 5	\$2.97
BSS-ATC40	40 Amp	Pack of 5	\$2.97

New!

Power Wire, 2 Conductor Zip Cord

Zip Cord is two-conductor cord which is typically used for low voltage DC power wiring circuits. The red and black colors make it simple to identify polarity for DC applications.

DXE-PW-8	Power Wire, 8-Gauge	per foot	\$1.65
DXE-PW-8-SPL	Power Wire, 8-Gauge, 500' Spool		\$749.95
DXE-PW-10	Power Wire, 10-Gauge	per foot	\$1.19
DXE-PW-12	Power Wire, 12-Gauge	per foot	\$0.89
DXE-PW-14	Power Wire, 14-Gauge	per foot	\$0.59
DXE-PW-16	Power Wire, 16-Gauge	per foot	\$0.37
DXE-PW-18	Power Wire, 18-Gauge	per foot	\$0.23



School's In Session

Unless you're a teenager, you may not know everything. This is especially true in Ham radio. Technology is always marching forward and you have to keep up. At DXEngineering.com there's a huge tech library with articles, FAQs, manuals and videos. Plus, if you're dealing with a specific issue, call us and we can help.



New!

EZ Power Strip

Hamsource

Safely deliver DC power to eight accessories, with the option to add even more as your shack grows. Using ultra-reliable Andersen Powerpole® connectors and individually fused outlets, Hamsource's EZ Power Strip delivers up to 40A input. For extra peace-of-mind, the strip shuts down at 10.5 Vdc to protect your battery backup systems, when voltage rises above 12.7 Vdc, it will turn back on.

Keep an eye on things with a LCD voltage and current display, along with over/under voltage warning lights. The strip includes a 6 foot power cable, 12 Powerpoles and 10 locking clips.

HSC-EZPOWERSTRIP EZ Power Strip.....\$174.95



PWRcheck

Put this in-stream between your source and load and you'll be able to closely monitor voltage, current, wattage and amp-hours in real time, in both directions. A large LCD screen displays everything and there's an intuitive USB interface. The PWRcheck also has logging capabilities and the readouts provide millivolt/milliamp precision.

WMT-58430-1286 PWRcheck.....\$179.95



ISOprw

Turn your vehicle into a battery charger. The ISOprw lets you connect an additional battery to your vehicle's battery to charge both of them when the alternator is running. When the alternator stops, this unit isolates your main battery to prevent it from draining. It's an essential tool for power-hungry mobile installations like an ARES® or RACES command station.

WMT-58401-1044 ISOprw.....\$89.95



DC-to-GO

Combine a durable and weather resistant battery box with one of West Mountain's RIGrunner power distribution centers and you have a portable power station capable of feeding an entire radio setup. Available in multiple sizes and RIGrunner types, these DC-to-GO boxes can be the backbone of your emergency power system.

WMT-58513-1061 DC-to-Go.....\$134.95



New!

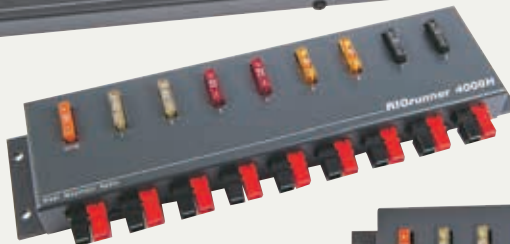
Temporary Power Node

Perfect for Field Day, EMCOMM, temporary installations or when you just need an extra outlet, this node gives you four pairs of paralleled Anderson Powerpole® connectors. Total rated current is 40A at 12 Vdc, just make sure your DC power wire gauge matches your power demands. Retaining clips included.

WMT-58519-1067 Temporary Power Node.....\$14.95



WMT-58303-1030



WMT-58307-1037



WMT-58315-1043

RIGrunner DC Outlet Panels

Got a pile of spaghetti where your DC power cables should be? These RIGrunner Outlet Panels will clean up your shack, while giving you some advanced features in the process. Each outlet is fused for protection and ensures you have reliable power distribution for your gear. They provide 40 amps of maximum output current and include Powerpole® connectors and fuses. "U" models have USB ports, handy for charging your smartphone.



WMT-58307-1034

Part Number	Description	Voltage Alarm	Power Cables	Powerpole® Connections	Price
WMT-58301-1028	RIGrunner 8012, 80A Input	Yes	8 AWG, 6'	12	\$159.95
WMT-58303-1030	RIGrunner 4010S, Auto Turn-On	Yes	10 AWG, 6'	10	\$149.95
WMT-58303-1031	RIGrunner 4010S, Auto Turn-On	Yes	Sold Separately	10	\$129.95
WMT-58305-1032	RIGrunner 4012	Yes	10 AWG, 6'	12	\$129.95
WMT-58305-1033	RIGrunner 4012	Yes	Sold Separately	12	\$109.95
WMT-58307-1034	RIGrunner 4008	Yes	10 AWG, 6'	8	\$119.95
WMT-58307-1035	RIGrunner 4008	No	Sold Separately	8	\$84.95
WMT-58307-1036	RIGrunner 4008H, Side Connectors	No	10 AWG, 6'	8	\$109.95
WMT-58307-1037	RIGrunner 4008H, Side Connectors	No	Sold Separately	8	\$89.95
WMT-58307-1124	RIGrunner 4008, -48 Vdc Negative	Yes	Sold Separately	8	\$164.95
WMT-58307-1126	RIGrunner 4008, -48 Positive	Yes	Sold Separately	8	\$124.95
WMT-58307-1125	RIGrunner 4008, -24 Positive	Yes	Sold Separately	8	\$124.95
WMT-58312-1038	RIGrunner 4005	No	10 AWG, 6'	5	\$74.95
WMT-58312-1039	RIGrunner 4005	No	Sold Separately	5	\$64.95
WMT-58312-1040	RIGrunner 4005, Side Connectors	No	10 AWG, 6'	5	\$84.95
WMT-58312-1041	RIGrunner 4005, Side Connectors	No	Sold Separately	5	\$69.95
WMT-58315-1042	RIGrunner 4004U, 2 USB Charge Ports	No	10 AWG, 6'	4	\$94.95
WMT-58315-1043	RIGrunner 4004U, 2 USB Charge Ports	No	Sold Separately	4	\$79.95

WMT-58312-1355



New!



Internet Monitored DC Outlet Panels

Take a RIGrunner 4005. Now, add the ability to check its status over the Internet. The result: the ideal power supply for EMCOMM, remote power stations or repeaters. They're also perfectly at home in your shack. They use RJ45 or Wi-Fi for hookup and there is a front-panel LCD to show the status, voltage and current draw of each outlet.

But the real magic is through the Internet. Using their integrated web server, you can monitor critical parameters or turn on/off each outlet independently. These are also capable of sending out e-mail alerts for certain alarms.

Part Number	Description	Powerpole® Connections	Price
WMT-58312-1353	RIGrunner 4005i	5	\$259.95
WMT-58312-1354	RIGrunner 4005i, Wi-Fi Enabled	5	\$299.95
WMT-58312-1355	RIGrunner 4005i, Rack-Mount	5	\$429.95

Heavy-Duty Tripod Roof Mount

RONARD
ROOF MOUNTS

This five foot tall, commercial-strength mount is an ideal support for medium size antennas such as the DX Engineering HEXX Beam. The mount is also a good choice for small HF or VHF Yagi or tri-band antennas as well as HF and VHF vertical antennas.

The tall tripod configuration allows peak mounting on a variety of pitched or flat roofs. The 1.5" O.D. steel legs have two 10 inch long mounting feet each. Each mounting foot is secured with five lag bolts. Thirty lag bolts are supplied, along with tar strips for weatherproofing under each foot.

A five foot long, 2" O.D. steel antenna/rotor mounting mast is also furnished for easy mounting of rotors such as the Hy-Gain CD-45II and HAM-series.

RON-1011 Heavy-Duty 5' Tripod Roof Mount...**\$149.95**

Rotor-Ready Heavy-Duty Chimney Roof Mount

Use this ready-to install package for chimney mounting medium size antennas with rotors (such as the DX Engineering HEXX Beam) and small HF or VHF Yagis and tri-banders. The mount is also ideal for HF and VHF vertical antennas with no rotors.

Two sections of 1.5" O.D., 16-gauge steel mast are supplied. The 42" long section is preassembled with chimney corner brackets for fastening to the chimney and antenna/rotor mounting. The 24" long section is for mounting the antenna to the upper bracket of a rotor such as the Hy-Gain CD-45II and HAM-series.

The four chimney corner brackets are 1.5" wide 11-gauge steel. The stainless steel fastening straps are 24 feet long, more than long enough for multiple-flue residential and even commercial chimneys. Shipped partially assembled for quick installation.

RON-3324 Heavy-Duty Chimney Roof Mount...**\$149.95**

Aluminum Tripod

COMET

The perfect companion to your Telescoping Aluminum Mast, this portable tripod is an easy way to get on the air for Field Day or EMCOMM. It can handle a guyed mast up to 55 inches long while supporting 22 pounds of antenna load.

CMA-YS-45 Aluminum Tripod.....**\$119.95**

ROHN
Products LLC

Tripod Roof Towers

Feature a universal mast clamp that is capable of mounting masts with up to 1.75 in. diameters and bolt-on swivel feet that adjust to the pitch of almost any roof. Installation is simple and fast with lag screws (not included) in the base feet that securely anchor the towers for long, trouble-free service. Rohn tripod roof towers feature a lower mast support bracket, hot-dip galvanized construction for corrosion protection and prevailing torque locknuts on the bolt-on feet.

ROH-TRT36 Tripod Roof Tower, 3'**\$49.95**

ROH-TRT60 Tripod Roof Tower, 5'**\$64.95**

Adjustable House Brackets. Perfect for bracing your lightly guyed or self-supporting Rohn 25G series tower, these adjustable brackets let you compensate for eaves and overhangs. They're great solutions if your community requires all self-supported or guyed towers to be bracketed.

Part Number	Wall Clearance	Width	Price
ROH-HB25BG	Adjustable 0-24"	25"	\$135.95
ROH-HB25AG	Adjustable 0-15"	25"	\$99.95
ROH-HB25CG	Adjustable 0-36"	30"	\$144.95

DX ENGINEERING

Telescoping Aluminum Antenna Kit

- Eleven telescoping sections from 2" to 7/8" O.D.
- Stainless steel element clamps

DXE-ATK65	Telescoping Aluminum Antenna Kit.....	\$229.95
DXE-VE-BASE	Vertical Antenna Fixed Base Assembly	\$99.95
DXE-VA-BASE	Vertical Antenna Heavy-Duty Tilt Base Assembly	\$159.95



Guy Rings

You can use DX Engineering's newly engineered Guy Rings to secure your rope guys and stabilize your DX Engineering, Hustler or other aluminum vertical antenna. They're also great for our Telescoping Fiberglass and Aluminum Tubing Kits.

These guy rings are super strong, virtually impervious to the elements and fit 0.75", 1.0", 1.25", 1.50" and 2.0" O.D. tubing.

For all the specs, please visit DXEngineering.com.

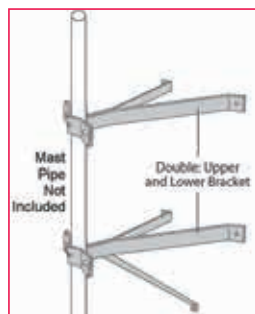
DXE-GR-5P Guy Rings, Set of 5 **\$7.95**



ROH-WM12S



ROH-WM4



ROH-WM18D

Wall Mounts

Take advantage of rigid walls by using a Rohn Wall Mount to install your antenna. These mounts include all the clamps and hardware you need, just add your mast and you're ready to go. They handle .875"-2.75" O.D. tubing and hold the mast away from your wall. They're hot-dip galvanized to resist corrosion.

Part Number	Description	Wall Clearance	Brackets Included	Price
ROH-WM4	Double Bracket Wall Mount	3"	2	\$28.95
ROH-WM12S	Extended Wall Mount	12"	1	\$30.95
ROH-WM18S	Extended Wall Mount	18"	1	\$33.95
ROH-WM18D	Double Bracket Extended Wall Mount	18"	2	\$53.95



DX ENGINEERING

50 Foot Telescoping Fiberglass Tubing Mast Kit

- Custom-made tubing for DX Engineering
- Smoothly telescoping
- Neutral light gray color
- Includes DX Engineering Stainless Steel Element Clamps to assemble slit lengths

DXE-FTK50A Telescoping Tubing Kit **\$198.95**

Vinyl End Caps

Fit these over your tubing or pipe to keep out moisture. Water can build up inside open tubes and rust or, worse yet, freeze and burst the pipe. These UV-rated black vinyl end caps are also great for sealing your booms or Yagi elements.

Check out DXE-VPC-0677, they're the perfect size for covering PL-259 connectors.

Part Number	Length	Tubing Size (O.D.)	Quantity	Price
DXE-VC-0125	1.000"	0.125"	20	\$5.50
DXE-VC-0250	0.500"	0.250"	20	\$5.50
DXE-VC-0375	0.500"	0.375"	20	\$5.50
DXE-VC-0500	0.500"	0.500"	20	\$5.75
DXE-VC-0625	1.000"	0.625"	20	\$6.75
DXE-VC-0750	1.000"	0.750"	20	\$5.50
DXE-VC-0875	1.000"	0.875"	10	\$5.75
DXE-VC-1000	1.000"	1.000"	10	\$5.75
DXE-VC-1125	1.000"	1.125"	10	\$7.25
DXE-VC-1250	1.000"	1.250"	10	\$7.25
DXE-VC-1375	1.000"	1.375"	8	\$8.95
DXE-VC-1500	1.000"	1.500"	6	\$5.25
DXE-VC-1625	1.000"	1.625"	4	\$5.75
DXE-VC-1750	1.000"	1.750"	4	\$5.75
DXE-VC-1875	1.000"	1.875"	4	\$6.75
DXE-VC-2000	1.000"	2.000"	2	\$4.50
DXE-VC-2250	1.000"	2.250"	2	\$4.95
DXE-VC-3000	1.000"	3.000"	2	\$4.95
DXE-VPC-0677	1.437"	0.677"	20	\$6.95

Ridgid® Tubing Cutter

This high-quality cutter will make clean, smooth edges in tubing sections that require minimal deburring. The tool can cut aluminum, copper and brass tubing as well as thin-wall conduit.

- Adjustable from 1/4 inch to 1 1/8 inch O.D.
- Telescoping feed screw design
- Enclosed feed screw eliminates clogging
- Grooved rollers for close-to-flare cuts
- Fold-away reamer
- X-CEL knob and pin for quicker cutting
- Spare cutter wheel included

DXE-31622 Ridgid Tubing Cutter.....**\$41.95**





DX Engineering Fiberglass Tubing

DX Engineering 1/8" wall extruded fiberglass tubing is available in telescoping lengths. The strong 8 foot lengths are ideal for building your own antenna support, like quad spreaders and insulated UHF stacking frames—even push-up masts.

The optional slit ends are ideal for clamping without drilling (drilling weakens the tubing). Don't forget DX Engineering Stainless Steel Element Clamps for a final, long-lasting assembly or easy-to-assemble portable installation.

Telescoping Fiberglass Unslit Tubing

Part Number	O.D.	Wall	Length	Each
DXE-FT0500-8	0.500"	0.125"	8 Foot	\$6.45
DXE-FT0750-8	0.750"	0.125"	8 Foot	\$8.95
DXE-FT1000-8	1.000"	0.125"	8 Foot	\$9.95
DXE-FT1250-8	1.250"	0.125"	8 Foot	\$11.95
DXE-FT1500-8	1.500"	0.125"	8 Foot	\$18.95
DXE-FT1750-8	1.750"	0.125"	8 Foot	\$20.95
DXE-FT2000-8	2.000"	0.125"	8 Foot	\$25.95
DXE-FT2250-8	2.250"	0.125"	8 Foot	\$34.95
DXE-FT2500-8	2.500"	0.125"	8 Foot	\$38.95
DXE-FT2750-8	2.750"	0.125"	8 Foot	\$44.95

Telescoping Fiberglass Tubing with 1 End Slit

Part Number	O.D.	Wall	Length	Each
DXE-FT0750-8S	0.750"	0.125"	8 Foot	\$13.95
DXE-FT1000-8S	1.000"	0.125"	8 Foot	\$14.95
DXE-FT1250-8S	1.250"	0.125"	8 Foot	\$16.95
DXE-FT1500-8S	1.500"	0.125"	8 Foot	\$23.95
DXE-FT1750-8S	1.750"	0.125"	8 Foot	\$25.95
DXE-FT2000-8S	2.000"	0.125"	8 Foot	\$30.95
DXE-FT2250-8S	2.250"	0.125"	8 Foot	\$39.95
DXE-FT2500-8S	2.500"	0.125"	8 Foot	\$44.95
DXE-FT2750-8S	2.750"	0.125"	8 Foot	\$49.95

Pipe and Tube Deburring Tools

If you're building a tower, mast or beam antenna, these tools will be worth their weight in gold. They make the tedious deburring process much easier. These tools smooth the rough edges on the inside and outside of your telescoping aluminum, fiberglass, copper, steel or plastic pipe and tubing, assuring a smooth surface when joined with another section.

You can purchase each tool separately or together in a kit that includes both deburring tools, a small hand deburring tool, half-round file and a carrying case.

DXE-UT-2125	Deburring Tool, for .375" to 2.125" O.D. Tubing.....	\$24.95
DXE-UT-3500	Deburring Tool, for 1.875" to 3.5" O.D. Tubing.....	\$29.95
DXE-UT-KIT-DBR	Deburring Tool Kit.....	\$73.95

DXE-UT-2125



DXE-UT-3500



Aluminum Tubing

Custom-made for DX Engineering, this high strength Type 6063-T832 seamless drawn aluminum tubing is available in 3 and 6 foot lengths. Type 6063 alloy provides good resistance to general corrosion, including stress corrosion cracking and has excellent surface appearance.

Use the 3 foot lengths for fast taper, low-wind resistance applications. The 6 foot slow taper lengths afford the greatest bandwidth. Most sizes are slit on one end for use with DX Engineering Stainless Steel Element Clamps. If unslit ends are required for your application, merely insert the slit end into the next larger size in the stack and use your own attachment method.

The 0.058 inch wall tubing is available in 1/8 inch increments from 3/8 inch to 2 1/8 inch O.D. It is ideal for a free, yet solid telescoping fit from size to size for vertical or Yagi elements. Some larger sizes are available in 0.120 inch wall, 6061-T8 aluminum, which assures maximum strength at very long assembly lengths.

- High strength Type 6063 seamless aluminum tubing—drawn, not extruded
 - Ideal for telescoping antenna elements, support masts and booms
 - Available in unslit and pre-slit lengths
 - Use DX Engineering Stainless Steel Element Clamps to assemble lengths of slit tubing
- Stainless steel element clamps for exact tubing sizes are available at DXEngineering.com.

Aluminum Tubing, No Slit

Part Number	O.D.	Wall	Length	Each
DXE-AT1240	0.375"	0.058"	3 Foot	\$1.45
DXE-AT1494	0.500"	0.058"	3 Foot	\$2.05
DXE-AT1495	0.625"	0.058"	3 Foot	\$2.35
DXE-AT1496	0.750"	0.058"	3 Foot	\$2.65
DXE-AT1497	0.875"	0.058"	3 Foot	\$2.75
DXE-AT1498	1.000"	0.058"	3 Foot	\$2.95
DXE-AT1499	1.125"	0.058"	3 Foot	\$3.25
DXE-AT1500	1.250"	0.058"	3 Foot	\$4.15
DXE-AT1501	1.375"	0.058"	3 Foot	\$4.45
DXE-AT1502	1.500"	0.058"	3 Foot	\$5.25
DXE-AT1503	1.625"	0.058"	3 Foot	\$6.05
DXE-AT1504	1.750"	0.058"	3 Foot	\$6.85
DXE-AT1505	1.875"	0.058"	3 Foot	\$7.65
DXE-AT1506	2.000"	0.058"	3 Foot	\$8.45
DXE-AT1255	2.000"	0.120"	3 Foot	\$14.85
DXE-AT1507	2.125"	0.058"	3 Foot	\$9.25
DXE-AT1189	0.375"	0.058"	6 Foot	\$2.95
DXE-AT1480	0.500"	0.058"	6 Foot	\$4.15
DXE-AT1481	0.625"	0.058"	6 Foot	\$4.75
DXE-AT1482	0.750"	0.058"	6 Foot	\$5.35
DXE-AT1483	0.875"	0.058"	6 Foot	\$5.65
DXE-AT1484	1.000"	0.058"	6 Foot	\$5.95
DXE-AT1485	1.125"	0.058"	6 Foot	\$6.55
DXE-AT1486	1.250"	0.058"	6 Foot	\$7.75
DXE-AT1487	1.375"	0.058"	6 Foot	\$8.45
DXE-AT1488	1.500"	0.058"	6 Foot	\$8.95
DXE-AT1489	1.625"	0.058"	6 Foot	\$9.75
DXE-AT1490	1.750"	0.058"	6 Foot	\$10.65
DXE-AT1491	1.875"	0.058"	6 Foot	\$11.55
DXE-AT1492	2.000"	0.058"	6 Foot	\$12.45
DXE-AT1493	2.125"	0.058"	6 Foot	\$13.35

Penetrox A™

- Keeps parts from seizing
- Helps create a substantial electrical connection between metal parts
- For aluminum-to-aluminum or aluminum-to-copper connections

DXE-P8A	Penetrox A, 8 oz. Squeeze Tube.....	\$16.95
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Hazardous, limited to domestic UPS Ground shipping only.



Aluminum Tubing Slit 1 End

Part Number	O.D.	Wall	Length	Each
DXE-AT1241	0.500"	0.058"	3 Foot	\$3.85
DXE-AT1242	0.625"	0.058"	3 Foot	\$4.15
DXE-AT1243	0.750"	0.058"	3 Foot	\$4.45
DXE-AT1244	0.875"	0.058"	3 Foot	\$4.55
DXE-AT1245	1.000"	0.058"	3 Foot	\$4.75
DXE-AT1246	1.125"	0.058"	3 Foot	\$5.05
DXE-AT1247	1.250"	0.058"	3 Foot	\$5.95
DXE-AT1248	1.375"	0.058"	3 Foot	\$6.25
DXE-AT1249	1.500"	0.058"	3 Foot	\$7.05
DXE-AT1250	1.625"	0.058"	3 Foot	\$7.85
DXE-AT1251	1.750"	0.058"	3 Foot	\$8.65
DXE-AT1252	1.875"	0.058"	3 Foot	\$9.45
DXE-AT1253	2.000"	0.058"	3 Foot	\$10.25
DXE-AT1254	2.125"	0.058"	3 Foot	\$11.05
DXE-AT1205	0.500"	0.058"	6 Foot	\$6.25
DXE-AT1206	0.625"	0.058"	6 Foot	\$6.85
DXE-AT1207	0.750"	0.058"	6 Foot	\$7.45
DXE-AT1208	0.875"	0.058"	6 Foot	\$7.75
DXE-AT1209	1.000"	0.058"	6 Foot	\$8.05
DXE-AT1210	1.125"	0.058"	6 Foot	\$8.65
DXE-AT1211	1.250"	0.058"	6 Foot	\$9.85
DXE-AT1212	1.375"	0.058"	6 Foot	\$10.55
DXE-AT1213	1.500"	0.058"	6 Foot	\$11.05
DXE-AT1214	1.625"	0.058"	6 Foot	\$11.85
DXE-AT1215	1.750"	0.058"	6 Foot	\$12.75
DXE-AT1216	1.875"	0.058"	6 Foot	\$13.65
DXE-AT1217	2.000"	0.058"	6 Foot	\$14.55
DXE-AT1218	2.125"	0.058"	6 Foot	\$15.45

6061-T8 Aluminum Tubing, Heavy Wall, Unslit—Ideal for Booms and HD Element Designs.

Part Number	O.D.	Wall	Length	Each
DXE-AT1311	1.500"	0.120"	6 Foot	\$23.85
DXE-AT1312	1.750"	0.120"	6 Foot	\$28.20
DXE-AT1313	2.000"	0.120"	6 Foot	\$33.00
DXE-AT1314	2.250"	0.120"	6 Foot	\$37.45
DXE-AT1315	2.500"	0.120"	6 Foot	\$42.50
DXE-AT1316	2.750"	0.120"	6 Foot	\$46.95
DXE-AT1317	3.000"	0.120"	6 Foot	\$51.40
DXE-AT1325	3.000"	0.120"	12 Foot	\$103.95

Deburring Tools

Adjustable Length Deburring Tool

DXE-22600	Deburring Tool	\$13.95
DXE-22110	Replacement Blades for Aluminum/Steel, Pack of 10	\$10.75

Slim Grip Deburring Tool

DXE-22166	Slim-Grip Deburring Tool	\$7.55
DXE-22110	Replacement Blades, 10 Pack;	\$10.75



Shipping the Big Stuff

You can still count on DX Engineering to ship your gear quickly, no matter how big it is. And you'll get it all for a flat rate, without any guesswork or additional charges. We'll help arrange shipping to your local freight terminal or right to your door. Visit DXEngineering.com or see the detailed shipping information near the center of this catalog.

FREE Standard SHIPPING for Orders Over \$99, See Page 64 for Details



New!

Heavy-Duty 4130 Chromoly Steel Masts

Serious antenna builders know you can't compromise on anything. With that in mind, DX Engineering offers you super-strong masts perfectly suited to Amateur Radio applications. Available in 2 or 3 inch outside diameters, these galvanized steel masts have a 1/4" wall thickness for extra rigidity. The masts have a certified yield stress rating over 100,000 psi, a minimum Rockwell hardness of 96, and a galvanized coating that meets ASTM A123/M specifications.

They are sold in 22' sections; DX Engineering will help arrange shipping and ensure that the ordering process will go smoothly. Call 800-777-0703 to get started and use the online Mast Load Estimator tool at DXEngineering.com to test your proposed installations.

DXE-ST200CM-22	Heavy-Duty 4130 Chromoly Steel Mast, 2" O.D.	\$399.95
DXE-ST300CM-22	Heavy-Duty 4130 Chromoly Steel Mast, 3" O.D.	\$589.95

Shipping the Big Stuff

You can still count on DX Engineering to ship your gear quickly, no matter how big it is. And you'll get it all for a flat rate, without any guesswork or additional charges. We'll help arrange shipping to your local freight terminal or right to your door. Visit DXEngineering.com or see the detailed shipping information near the center of this catalog.

Telescopic Aluminum Mast

Perfect for stealth operation, this mast can quickly extend from a mere 4.5 feet to almost 15 feet. It handles antennas up to 22 pounds and features a guy bracket (45 feet of guy line is included) to keep it rock-steady when extended. The mast's top tube is .875" O.D. and the bottom tube is 1.625" O.D., all in portable package that only weighs three pounds.

CMA-CP-45 Telescopic Aluminum Mast.....**\$99.95**

Telescoping Masts

Rohn telescoping masts are available in 28', 34', 36' and 43' nominal heights. They are pre-galvanized for corrosion protection and come assembled with hardware. All masts must be guyed or bracketed; installation should be done by experienced professionals. Telescoping masts are not recommended for commercial, CB or beam antenna installations.

ROH-H30	28' Telescoping Mast.....	\$79.95
ROH-H40	36' Telescoping Mast.....	\$119.95
ROH-H50	43' Telescoping Mast.....	\$144.95
ROH-9H50	34' Telescoping Mast, UPS-shippable.....	\$149.95



Commercial Towers

DX Engineering is now an Authorized Distributor of Rohn Commercial Tower products and accessories. We have the Rohn products you need to solve your tower structural needs—contact us for technical information and availability.

The World Leader in Towers

Rohn has been the world leader in tower design and manufacturing for more than six decades. Rohn maintains one of the largest manufacturing and staging facilities in the industry—it is committed to supplying the best.

Designed for areas where land cost or availability are not an issue, Rohn GT Series guyed towers provide one of the most cost effective solutions in the industry. Guyed towers install quickly and are often the choice of broadcast communications tower stations and backbone system providers.

All GT Series towers are built with high strength steel tubing that is hot-dip galvanized after fabrication. Rohn's exclusive Zig-Zag® solid rod bracing provides exceptional strength.

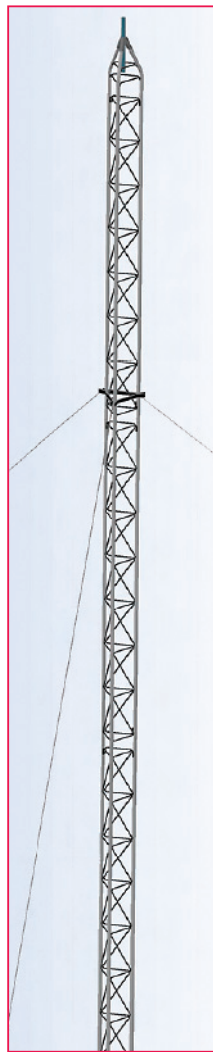
All Rohn towers, poles and masts must be installed and dismantled by trained personnel. See the Rohn manuals and drawings for detailed information.

25G Tower and Accessories

The Model 25 originated at Rohn and the original still stands as the benchmark of lightweight guyed tower design quality. The 25G is available in the standard 10' section length and in a special order, UPS-shippable 7' length. The 25G uses double-bolted joints—proven to be the best method of joining tower sections for sturdiness and dependability. The 25G stands 190' tall.

- Completely hot-dip galvanized after fabrication
- Built on a stable 11.25" equilateral triangle design
- High strength tubular legs joined by Zig-Zag® crossmembers
- Each section length is shipped with all required nuts and bolts

ROH-25G	25G Standard Section, 10'	\$117.95
ROH-25AG2	25G Top Section, accepts 2" O.D. Mast.....	\$189.95
ROH-SB25G5	25G Short Base, 5'	\$99.95
ROH-SB25G	25G Short Base, 3.33'	\$72.95
ROH-25GSSB	25G Self Supporting Base Plate....	\$179.95
ROH-BPH25G	25G Hinged Base Plate.....	\$279.95
ROH-SBH25G	25G Short Hinged Base, 3.33'	\$229.95
ROH-SDB25G	Drive-In Base Plate for Temporary Use.....	\$254.95
ROH-AS25G	25G Top Single Accessory Shelf.....	\$52.95
ROH-GA25GD	25G Guy Bracket Assembly with Hardware	\$159.95
ROH-UHF25G	25G Side Arm Mount.....	\$31.95
ROH-BPC25G	Concrete Base Plate for 25G	\$68.95



45G Tower and Accessories

The 45G is a true multi-use structure that provides excellent strength for applications up to 300' tall.

- Completely hot-dip galvanized after fabrication
 - Built on a stable 16.75" equilateral triangle design
 - High strength tubular legs joined by Zig-Zag® cross members
 - Continuous solid round steel bracing
 - Each section is shipped with all required nuts and bolts
- | | | |
|------------|---|-----------------|
| ROH-45G | 45G Standard Section, 10' | \$254.95 |
| ROH-45AG | 45G Top Section, 9' | \$299.95 |
| ROH-SB45G | 45G Short Base, 5' | \$119.95 |
| ROH-BPL45G | 45G Top Plate for TB3 & TB4 Bearings | \$219.95 |
| ROH-BPC45G | 45G Concrete Base Plate | \$119.95 |
| ROH-AS45G | 45G & 55G Accessory Shelf | \$112.95 |
| ROH-GA45GD | 45G Guy Bracket Assembly with Hardware..... | \$149.95 |

Erection Fixture

You probably call this a Gin Pole, it is a must-have tool to safely raise or repair your tower. The fixture is designed for 25G or 45G towers. It has the correct sheave and clamps, you supply the rope and muscle.

ROH-EF2545 Erection Fixture.....**\$899.95**

Work Platform

Don't get your feet stuck in the cross-bracing, install this platform on your 25G Tower and perform your repairs safely. Snaps into place and lets you work without strain.

ROH-WP25G Work Platform **\$139.95** |

Telescopic Mast Ground Mount

Built for your Rohn H and 9H (or any other 1.25"-1.5" telescopic mast), simply drive this ground mount into the soil, add your guy lines and get on the air.

ROH-GTMBL Ground Mount.....**\$49.95**

Turnbuckle

Never trust your guy line tension to an average hardware store turnbuckle. Only use genuine Rohn accessories. This turnbuckle has a 1,200 pound working load with an extended/retracted length of 12/18 inches.

ROH-3-8TBE-J Turnbuckle **\$39.95** |

Installation Accessories

Part Number	Description	Price
ROH-618	6-Strand 18 AWG Wire, 1,000' Reel	\$95.95
GPL-LK-1-8-160BB	618/620 Wire Gripple	\$5.95
ROH-3-16EHS500	HDG Guy Wire, 3/16" EHS x 500' Coil	\$138.95
ROH-3-16EHS1000	HDG Guy Wire, 3/16" EHS x 1,000' Coil	\$249.95
ROH-1-4EHS500	HDG Guy Wire, 1/4" EHS x 500' Coil	\$158.95
ROH-BG2142	Big Grip, 3/16" with End Sleeve	\$11.95
ROH-BG2144	Big Grip, 1/4" with End Sleeve	\$13.95
ROH-GAC3455TOP	Anchor Rod, 3455, .75" dia. x 7'	\$138.95
ROH-GAR30	Anchor Rod, Eye, Rated to 7,330 Lbs.	\$42.95
ROH-GAS604	Screw Anchor	\$64.95
ROH-EP25343	Equalizer Plate Assembly 25, 3-Hole	\$45.95
ROH-EP25345	Equalizer Plate Assembly 25, 5-Hole	\$59.95
ROH-TB3	HD Thrust Bearing for 25G, 45AG, 55AG	\$149.95
ROH-TB4	HD Thrust Bearing for 45AG, 55AG	\$179.95
ROH-25AJBK	25AG Joint Bolt Kit	\$6.95
ROH-45JBK	45G Joint Bolt Kit	\$11.95
ROH-HBUTVRO	Universal HD House Bracket, 18-36" Standoff for 25G, 45G, 55G	\$234.95
ROH-3-4X12PP	Base Pier Pin, 3/4" x 12" - 25G, 45G, 55G	\$22.95

Proven Products, Expert Advice, Same-Day Shipping



Base Hinge Kits

These kits include heavy-duty hinges that attach to each individual tower leg. They're strong enough to handle a tower up to 64 feet. They're so strong in fact, that you can assemble the tower on the ground and raise it into place, greatly simplifying installs and repairs. The kits come with the individual hinge yokes, concrete anchor bolts, hinge pipe and hardware. You'll also get a safety package that includes appropriate warning signs and safety information.

TBX-HB36	Base Hinge Kit, 1.5" Stud Pipe	\$354.95
TBX-HB78	Base Hinge Kit, 2.0" Stud Pipe	\$434.95

New!

Packaged Tower Kits

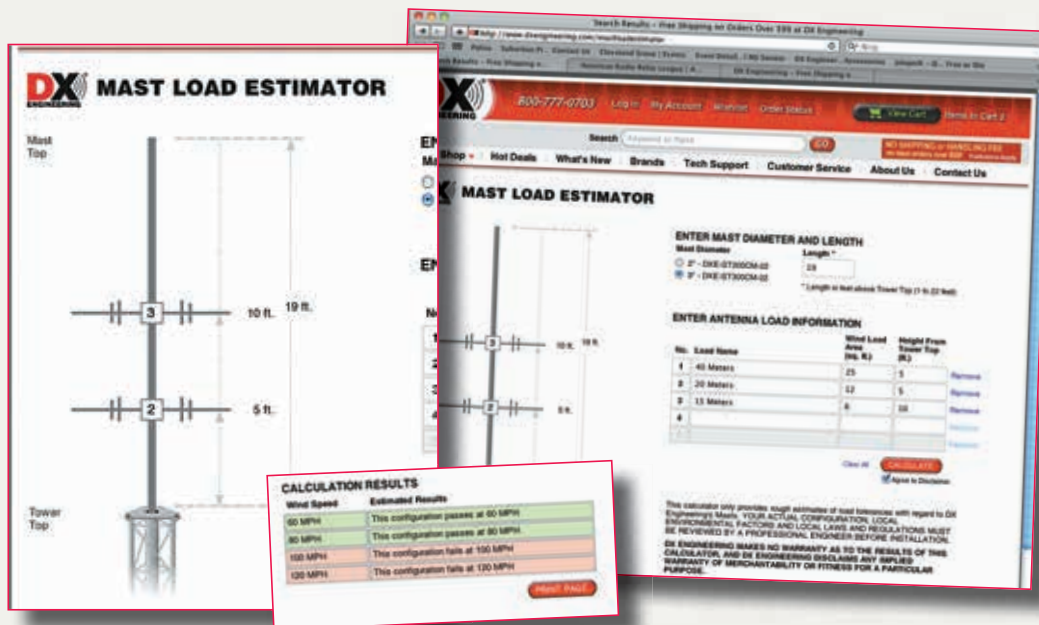
These TBX Packaged Tower Kits eliminate guesswork and make it possible for anyone to erect a tower. The kits include offset lattice-style tower sections that create a strong, step-up design. There are tower kits ranging in height from 24 to 64 feet. The sections are made from contoured steel that is galvanized to resist the elements. Quick specs are below. The kits will include a rotor plate, top plate, hardware pack and a set of top-section steps. Base stubs must be ordered separately. Call us and we'll be able to guide you through the selection process.

TBX-TBX40

TBX-TBX48

TBX-THBX56

Part Number	Height	Notes	Price
TBX-TBX40	40'	Includes 8'/1.25" O.D. Mast	\$999.95
TBX-TBX48	48'	Includes 8'/1.25" O.D. Mast	\$1,299.95
TBX-TBX56	56'	Includes 8'/1.25" O.D. Mast	\$1,672.95
TBX-THBX24	24'	Heavy Duty	\$636.95
TBX-THBX32	32'	Heavy Duty	\$917.95
TBX-THBX40	40'	Heavy Duty	\$1,202.95
TBX-THBX48	48'	Heavy Duty	\$1,508.95
TBX-THBX56	56'	Heavy Duty	\$1,836.95
TBX-THDBX24	24'	Extra Heavy Duty	\$749.95
TBX-THDBX32	32'	Extra Heavy Duty	\$1,042.95
TBX-THDBX40	40'	Extra Heavy Duty	\$1,348.95
TBX-THDBX48	48'	Extra Heavy Duty	\$1,675.95



DX[®]
ENGINEERING

Try the New FREE Mast Load Estimator

If you're designing a tower installation, visit DXEngineering.com and use the free online Mast Load Estimator. First decide if you're using a 2" or 3" O.D. mast and then enter its overall height. Next, add up to five antennas, with their height from the tower top and wind load area. The Mast Load Estimator will calculate if your configuration will work. It's totally free and you'll only find it at DXEngineering.com.

Check out the video online.





Phillystran® Non-Metallic Tower Guy Line



These insulator-free, non-metallic guys have been protecting the towers of knowledgeable amateur radio operators since 1973. Following their introduction, Phillystran Guy Lines have been installed on more than one thousand commercial broadcast towers worldwide. Electrically transparent Phillystran tower guys are protected by an extruded jacket, providing excellent resistance to weather and abrasion.

- Complete isolation of tower-guy system from the antenna field
- Improved signal coverage, eliminating distortion caused by re-radiated signals
- Quick, easy, maintenance-free tower installations
- A neat tower appearance, free of corroded steel guys and troublesome ceramic insulators (solving arcing white noise issues, too)
- No need to calculate guy lengths to avoid guyline resonance
- No insulators required
- None of the stretching or aging problems associated with conventional synthetic ropes
- Never again be bothered by zapping, snapping and crackling across porcelain insulators

PHI-HPTG-1200I	4mm Dia., 1,200 Lbs. Break Strength	per foot \$0.49
PHI-HPTG-2100I	6mm Dia., 2,100 Lbs. Break Strength	per foot \$0.75
PHI-HPTG-4000I	8mm Dia., 4,000 Lbs. Break Strength	per foot \$0.99
PHI-HPTG-6700I	9mm Dia., 6,700 Lbs. Break Strength	per foot \$1.39
PHI-HPTG-11200I	11mm Dia., 11,200 Lbs. Break Strength	per foot \$2.39



Guy Tools

You've got a lot of money invested in your mast and antenna, and you've selected reliable guy line—now the weak link in mast stability could literally be your links! Grippler is an industry leader in wire joiners and tensioners, offering professional-grade products that have been fully vetted in practically every environment on Earth. When it comes time to erect your mast, don't overlook the importance of having the right tools and grips for the job.

Cable Cutters

Cutting steel cables and guy lines is no easy task. Grippler offers the tools to make it manageable. Made with hardened jaws for durability and vinyl grips for comfort, they are designed to be the only cutters you'll ever need. The innovative design multiplies your own strength to make cuts clean and effortless.

The Regular Cable Cutter can handle cutting up to 3/16" O.D. EHS steel cable. The Large Cable Cutter is designed for cutting cable up to 1/4" diameter.

GPL-CUTTER-1-4	Large Cable Cutter	\$95.95
GPL-CUTTERGRIPPL	Regular Cable Cutter	\$35.95

Lockable Guy Line Grip and Key

As an easy way to assemble and re-tension your 1/8" EHS guy line, you can use these grips and keys to terminate cable and keep it secure. The Grip's innovative design uses external pressure to lock the cable in place until you use the key to release it, making them easy to install and adjust. They're tailored to .125" (3mm) guy lines.

The Lockable Release Keys are a must for re-tensioning cables and removing the grips. You just inset the key and push; the internal wedges are released and the grip is free. Choose from the ergonomically designed Logo Key or the high-visibility Flag-Shaped Key.

GPL-LK-1-8-160BB	Lockable Guy Line Grip	\$5.95
GPL-KEY-FLAG	Lockable Release Key, Flag	\$0.95
GPL-KEY-LOG	Grippler Logo Setting Key	\$3.99



3/16" Wire Rope Clip

Forged steel galvanized wire rope clips are recommended for the small 3/16" Guy Line. Made from extra heavy-duty, galvanized, forged carbon steel, for 3/16" wire rope. A minimum of 2 clips is required.

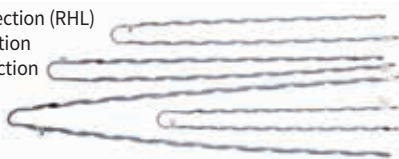
DXE-6990334	3/16" Wire Rope Clip, Use with HPTG-1200I ...	\$3.29
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Phillystran® Big Grip Dead-Ends

Phillystran has answered the call for field-installable, nonmetallic tower-guy systems with HPTG-I and PLP Big Grip Dead-Ends. Phillystran Big Grip Dead-Ends have a variety of unique features:

- Grip designed to match rope twist direction (RHL)
- Special-sized wires for ease of application
- Galvanized steel and "C" coat construction
- Color-coded for ease of identification
- Longer length to match Phillystran's high performance forged steel galvanized wire rope clips are recommended for the small PHI-HPTG-1200I Guy Line



DXE-6990334	3/16" Wire Rope Clip, Use with HPTG-1200I	\$3.29
PHI-PLP-2738	Blue Tag, Use with HPTG-2100I Guy Line	\$9.00
PHI-PLP-2739	Yellow Tag, Use with HPTG-4000I Guy Line	\$12.00
PHI-PLP-2755	Red Tag, Use with HPTG-6700I Guy Line	\$18.00
PHI-PLP-2558	Black Tag, Use with HPTG-11200I Guy Line	\$21.00

Galvanized Thimbles Phillystran® Guy Line

Extra heavy-duty, hot-dip galvanized steel for strength and long life.

DXE-1037639	Use with HPTG-1200I Guy Line	\$1.45
DXE-1037675	Use with HPTG-2100I Guy Line	\$2.65
DXE-1037693	Use with HPTG-4000I Guy Line	\$4.55
DXE-1037719	Use with HPTG-6700I/11200I Guy Line	\$4.55



Vinyl End Caps Phillystran® Guy Line

Heavy-duty vinyl to cover and protect cut cable ends. 20 per pack.

DXE-H166	Use with HPTG-1200I Guy Line	\$8.95
DXE-H165	Use with HPTG-2100I Guy Line	\$8.95
DXE-H164	Use with HPTG-4000I Guy Line	\$8.95
DXE-H142	Use with HPTG-6700I Guy Line	\$8.95
DXE-H204	Use with HPTG-11200I Guy Line	\$8.95



Accessory Items for Phillystran® Guy Line

Cable Price Per Foot	Big Grip Price Each	Thimble Price Each	End Cap Price 20 Pack
PHI-HPTG-1200I... \$0.49	PHI-PLP-2738... \$9.00	DXE-1037639... \$1.45	DXE-H166... \$8.95
PHI-HPTG-2100I... \$0.75	PHI-PLP-2739... \$12.00	DXE-1037675... \$2.65	DXE-H165... \$8.95
PHI-HPTG-4000I... \$0.99	PHI-PLP-2755... \$18.00	DXE-1037693... \$4.55	DXE-H164... \$8.95
PHI-HPTG-6700I... \$1.39	PHI-PLP-2558... \$21.00	DXE-1037719... \$4.55	DXE-H142... \$8.95
PHI-HPTG-11200I... \$2.39		DXE-1037719... \$4.55	DXE-H204... \$8.95

Vinyl End Caps

Fit these over your tubing or pipe to keep out moisture. Water can build up inside open tubes and rust or, worse yet, freeze and burst the pipe. These UV-rated black vinyl end caps are also great for sealing your booms or Yagi elements.

Check out DXE-VPC-0677, they're the perfect size for covering PL-259 connectors.

Part Number	Length	Tubing Size (O.D.)	Quantity	Price
DXE-VC-0125	1.000"	0.125"	20	\$5.50
DXE-VC-0250	0.500"	0.250"	20	\$5.50
DXE-VC-0375	0.500"	0.375"	20	\$5.50
DXE-VC-0500	0.500"	0.500"	20	\$5.75
DXE-VC-0625	1.000"	0.625"	20	\$6.75
DXE-VC-0750	1.000"	0.750"	20	\$5.50
DXE-VC-0875	1.000"	0.875"	10	\$5.75
DXE-VC-1000	1.000"	1.000"	10	\$5.75
DXE-VC-1125	1.000"	1.125"	10	\$7.25
DXE-VC-1250	1.000"	1.250"	10	\$7.25
DXE-VC-1375	1.000"	1.375"	8	\$8.95
DXE-VC-1500	1.000"	1.500"	6	\$5.25
DXE-VC-1625	1.000"	1.625"	4	\$5.75
DXE-VC-1750	1.000"	1.750"	4	\$5.75
DXE-VC-1875	1.000"	1.875"	4	\$6.75
DXE-VC-2000	1.000"	2.000"	2	\$4.50
DXE-VC-2250	1.000"	2.250"	2	\$4.95
DXE-VC-3000	1.000"	3.000"	2	\$4.95
DXE-VPC-0677	1.437"	0.677"	20	\$6.95



More Products, Specs and Photos at DXEngineering.com

ECLS-Series Band Clamps with Stud

The ECLS-Series clamps are made from marine grade stainless steel with a 10-24 stud welded to the band. They are ideal for mechanical fastening to round or odd-shaped members. The clamps can be used for electrical connections (including grounding) or for mechanical assembly of components, attachment of signs, etc. Threaded hardware included.



Band Clamps with Stud			Pack of 2
DXE-ECLS-050	0.500" O.D. tube.....	\$19.95	
DXE-ECLS-062	0.625" O.D. tube.....	\$19.95	
DXE-ECLS-075	0.750" O.D. tube.....	\$19.95	
DXE-ECLS-087	0.875" O.D. tube.....	\$19.95	
DXE-ECLS-100	1.000" O.D. tube.....	\$17.95	
DXE-ECLS-125	1.250" O.D. tube.....	\$17.95	
DXE-ECLS-150	1.500" O.D. tube.....	\$17.95	
DXE-ECLS-175	1.750" O.D. tube.....	\$17.95	
DXE-ECLS-200	2.000" O.D. tube.....	\$17.95	
DXE-ECLS-225	2.250" O.D. tube.....	\$17.95	
DXE-ECLS-250	2.500" O.D. tube.....	\$17.95	
DXE-ECLS-275	2.750" O.D. tube.....	\$17.95	
DXE-ECLS-300	3.000" O.D. tube.....	\$17.95	
DXE-ECLS-325	3.250" O.D. tube.....	\$17.95	

Stainless Steel Element Clamps

Typical elements are built using 0.058 inch wall tubing, which allows successive sizes to slide together with good contact. These clamps are used to hold the telescoping tubing in place at the length that you have chosen. Clamps are made from marine-grade stainless steel, unlike the normal hardware store variety. The high nickel alloy stainless steel meets the demands of severe corrosive environments.



DXE-ECL-020	For 0.500" and Smaller Tube	\$1.90
DXE-ECL-040	For 0.625" Tube	\$1.90
DXE-ECL-060	For 0.750" and 0.875" Tube.....	\$1.90
DXE-ECL-10SS	For 1.00" Tube	\$1.90
DXE-ECL-12SS	For 1.250" and 1.125" Tube.....	\$1.90
DXE-ECL-16SS	For 1.375" and 1.500" Tube.....	\$1.90
DXE-ECL-20SS	For 1.625" and 1.750" Tube.....	\$1.90
DXE-ECL-24SS	For 1.875" and 2.000" Tube.....	\$1.90
DXE-ECL-28SS	For 2.125" and 2.250" Tube.....	\$1.95
DXE-ECL-32SS	For 2.375" and 2.500" Tube.....	\$1.95
DXE-ECL-36SS	For 2.625" and 2.750" Tube.....	\$1.95
DXE-ECL-40SS	For 2.875" and 3.000" Tube.....	\$1.95
DXE-ECL-44SS	For 3.25" Max. Tube	\$1.95

DX ENGINEERING

Highest Quality—Lasting Performance! DX Engineering is famous for its Saddle Clamps, the ones with stainless steel U-bolts or V-bolts and matching cast aluminum saddles. The U-bolts are the exact size for inch-sized tubing O.D.; the saddles feature an as-cast roughness that keeps the tube from sliding. Our Super Duty Saddle Clamps are designed for applications where maximum torque is needed to control large or unbalanced antenna arrays, or for other applications where other torque control products have proven inadequate. Our Resin Support Blocks are useful for securely mounting tubing to any flat surface while providing electrical insulation.

DX Engineering Stainless Steel V-Clamps

Our stainless steel V-clamps are ideal for mounting accessories to steel pipe. The V-saddle has serrations that bite into the tube or pipe surface, providing a strong, secure hold. For this reason, these clamps are not recommended for aluminum tubing or pipe. The bolts supplied are long enough to attach tubing to thick plates and have anti-corrosive properties for long life. Some clamps are available with a tab and 1/4" hardware for adding grounding wires.



V-Clamp Part Number	Pipe Size	Ground Lug	Price Each
DXE-SSVC-1P	1/2" to 3/4"	No	\$6.95
DXE-SSVC-1PG	1/2" to 3/4"	Yes	\$7.95
DXE-SSVC-150P	1" to 1.5"	No	\$9.95
DXE-SSVC-150PG	1" to 1.5"	Yes	\$10.95
DXE-SSVC-2P	1" to 2"	No	\$11.95
DXE-SSVC-3P	2.375" to 3"	No	\$14.95

**Cushioned P-Clamps**

DX Engineering P-Clamps are ideal for providing strain relief of coaxial cable connections. The rubber insert grips the cable jacket securely without nicking or cutting the jacket, preventing water entry.

DXE-CPC-250	For RG-8X, RG-6, RG-59 Cable, Pack of 10.....	\$15.95
DXE-CPC-375	For RG-213, RG-8, RG-11 Cable, Pack of 10.....	\$15.95

**Saddle Clamps with Powdercoated Saddles**

- Stainless steel flat washers, lock washers, nuts and bolts
- Black powdercoated saddle finish

**U-Bolt Style**

U-Bolt Part Number	Nominal Size	Thread Bolt Size	Price Each
DXE-PSAD-050A	0.50"	1/4"-20	\$14.95
DXE-PSAD-075A	0.75"	1/4"-20	\$15.15
DXE-PSAD-100A	1.00"	1/4"-20	\$15.35
DXE-PSAD-125A	1.25"	1/4"-20	\$15.65
DXE-PSAD-150A	1.50"	1/4"-20	\$15.95
DXE-PSAD-175A	1.75"	1/4"-20	\$16.25
DXE-PSAD-200A	2.00"	5/16"-18	\$16.55
DXE-PSAD-250A	2.50"	5/16"-18	\$16.85
DXE-PSAD-300A	3.00"	5/16"-18	\$18.95

V-Bolt Style

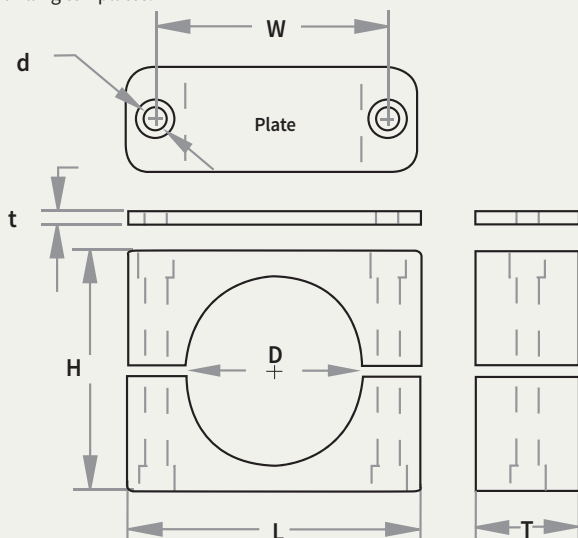
V-Bolt Part Number	Nominal Size	Thread Bolt Size	Price Each
DXE-PCAVS-1P	0.50"-1.75"	1/4"-20	\$11.95
DXE-PCAVS-2P	1.00"-2.00"	5/16"-18	\$13.95

Dimensions in Inches.

DX Engineering Resin Support Block Clamps

Our Resin Support Block Clamps are ideal for securing mounting brackets or plates to tubing, while also providing electrical insulation. That makes the clamps a good choice for electronic components. The clamps are sturdy and provide a strong, well-insulated mounting that is easy to construct. They are available in many sizes for most any project you might have.

The Resin Support Block is shown with an optional stainless steel reinforcement plate. These plates provide additional stiffness and can also be used as sturdy hole-drilling templates.

**Support Block Dimensions in Inches**

Block Part Number	Tube O.D.	D	H	T	L	W	Reinforcement Plate Required	Price Each
DXE-RSB-102500	1/4	1/4	1.050	1.185	1.350	0.784	DXE-RSB-DP-1	\$2.95
DXE-RSB-103125	5/16	5/16	1.050	1.185	1.350	0.784	DXE-RSB-DP-1	\$3.45
DXE-RSB-103750	3/8	3/8	1.050	1.185	1.350	0.784	DXE-RSB-DP-1	\$3.45
DXE-RSB-105000	1/2	1/2	1.290	1.192	1.595	1.024	DXE-RSB-DP-2	\$3.45
DXE-RSB-106250	5/8	5/8	1.290	1.192	1.595	1.024	DXE-RSB-DP-2	\$3.45
DXE-RSB-103400	3/4	3/4	1.394	1.186	1.910	1.301	DXE-RSB-DP-3	\$3.95
DXE-RSB-110000	1.000	1.000	1.394	1.186	1.910	1.301	DXE-RSB-DP-3	\$4.45
DXE-RSB-111250	1.125	1.125	1.665	1.189	2.258	1.575	DXE-RSB-DP-4	\$5.95
DXE-RSB-112500	1.250	1.250	2.292	1.182	2.760	2.050	DXE-RSB-DP-5	\$5.95
DXE-RSB-111500	1.500	1.500	2.292	1.182	2.760	2.050	DXE-RSB-DP-5	\$6.45
DXE-RSB-113400	1.750	1.750	2.674	1.184	3.394	2.600	DXE-RSB-DP-6	\$10.95
DXE-RSB-120000	2.000	2.000	2.678	1.184	3.394	2.600	DXE-RSB-DP-6	\$11.95
DXE-RSB-122500	2.250	2.250	2.904	1.184	3.394	2.600	DXE-RSB-DP-6	\$11.95

**Reinforcement Plates Dimensions in Inches**

Part Number	d	t	W	Each
DXE-RSB-DP-1	0.275	0.119	0.784	\$5.95
DXE-RSB-DP-2	0.275	0.119	1.024	\$5.95
DXE-RSB-DP-3	0.275	0.119	1.301	\$5.95
DXE-RSB-DP-4	0.275	0.119	1.575	\$6.45
DXE-RSB-DP-5	0.275	0.119	2.050	\$6.45
DXE-RSB-DP-6	0.275	0.119	2.600	\$7.45