

OWNER'S MANUAL

INSTANT POWER™ Jump Starter & DC Power Source

THIS PRODUCT HAS A SEALED LEAD-ACID BATTERY INSIDE THAT SHOULD BE KEPT AT FULL CHARGE FOR LONGER LIFE. RECHARGE WHEN FIRST RECEIVED (EVEN IF GREEN CHARGED LED GLOWS), AFTER EACH USE AND EVERY 3 MONTHS.

IMPORTANT SAFETY INSTRUCTIONS

Save these instructions

IMPORTANT SAFETY INSTRUCTIONS

Someone should be within range of your voice or close enough to come to your aid when you are working near a lead-acid battery.

Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes. If acid enters the eye area, rinse with cold water for at least 10 minutes and get medical help immediately.

Do not smoke, or use matches or cigarette lighter, or allow any spark or flame near the battery or engine.

Never operate the power source unit if it has damaged lead wire or clamps. Have the lead wire replaced by a qualified technician.

Do not permit internal battery to freeze. Never charge a frozen battery.

HANDLING WARNING

WARNING: Handling the cord on this product or cords associated with accessories sold with this product, may expose you to lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

OPERATING INSTRUCTIONS

Warning: Failure to follow instructions may cause damage or an explosion. Read entire instruction manual before use.

1. Turn ignition off before making cable connections.
2. Keep clear of fan blades, belts, pulleys and other parts that may cause injury.
3. Never allow clamps to touch together or to contact the same piece of metal to prevent sparking.
4. Use in a well-ventilated area.
5. Clamp the red clamp (+) to the positive terminal of the battery. (For a negative grounded system.)
6. Clamp the black clamp (-) to an unpainted and unmoving part of the chassis or engine block.
7. You can now crank the engine. If the engine does not start within 5-8 seconds, stop and wait at least 1 minute before attempting to start vehicle again.
8. After the engine starts, first disconnect the black clamp and then the red clamp in that order. Store the clamps on the ears located on the back of the case.
9. Recharge the product as soon as possible after use.

LED INDICATORS

There are 4 LED internal battery status indicator lights. Press the BATTERY STATUS button on the front of the IPD-1000 to determine the internal battery power.

Note: Numbers 1–3 below indicate charge level when not connected to AC power source or placed in docking station cradle.

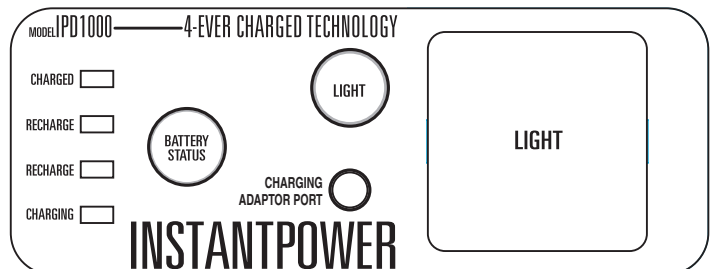
1. The green CHARGED LED indicates the internal battery is fully charged.
2. The yellow RECHARGE LED indicates a 50 to 75% charge. The IPD-1000 may be used but should be recharged as soon as possible.
3. The red RECHARGE LED indicates a 50% or less charge; immediately recharge the IPD-1000.
4. The red CHARGING LED indicates the IPD-1000 is charging (connected to AC power source or placed in docking station cradle). At full charge, the green CHARGED LED will light.

CHARGING OF INTERNAL BATTERY

After removing the IPD-1000 from the carton, charge it overnight before using even if the green CHARGED LED glows.

1. To charge, plug wall charger adaptor into the CHARGING ADAPTOR PORT on the front of the device or in the IPD-1000 docking station cradle.
2. Plug the wall charger into a 120V AC electrical wall outlet. The red CHARGING LED will glow indicating there is power to the docking station cradle or unit.
3. The CHARGED LED will glow green when the battery has reached full charge. This could take up to 24 hours on some charges due to age and condition of the battery. The charger will automatically drop into a float mode and maintain the battery at full charge without damaging battery.

WARNING: Keep moisture, flammable materials and metal away for the cradle/tray. The metal contacts are electrically live and may spark when in use.



MULTI-PURPOSE POWER SUPPLY

The IPD-1000 is a power source for all 12 volt DC accessories equipped with a 12 volt accessory plug. Make sure the device to be powered is OFF before inserting 12 volt accessory plug into 12 volt accessory outlet located on right side. The DC socket has a 15 amp automatic overload protection circuit breaker. The breaker will automatically reset after an overload occurs.

12 VOLT DC POWER SOURCE CHART

Appliance Type	Estimated Wattage	Estimated Time
Cell Phones	4 Watts	15 Hours
Fluorescent Lights	4 Watts	15 Hours
Radios, Fans	9 Watts	11 Hours
Depth Finders	9 Watts	11 Hours
Camcorders, VCRs, Spot Lights	15 Watts	6 Hours
Electrical Tools, Bilge Pumps	24 Watts	4 Hours
Electrical Coolers	48 Watts	1.5 Hours
Car Vacuum, Air Compressors	80 Watts	45 Minutes

When the IPD-1000 is used with an inverter, it can operate appliances normally powered by 120V AC. (You must purchase the inverter separately. It is not included.)

120 VOLT AC POWER SOURCE CHART

Appliance Type	Estimated Wattage	Estimated Time
Spot Lights, VCRs Sump Pumps	100 Watts	45 Minutes
Faxes, TVs, Small Power Tools	150 Watts	35 Minutes

Note: Estimated time is conservatively reported. Actual time may vary. Times are based on the product having a full charge. Requires the use of an inverter that is not included.

USING THE SPOTLIGHT

The spotlight is located on the front of the IPD-1000. The spotlight can be turned ON and OFF by pressing the LIGHT button.

STORAGE

The product can be stored in any position. To prevent accidental arcing, always keep the clamps located on the back of IPD-1000 ears when not using it to jump start a vehicle. All batteries are affected by temperature. The ideal storage temperature is at 70 degrees Fahrenheit. Performance varies based on battery temperature conditions.

LIMITED WARRANTY

Schumacher Electric Corporation warrants your unit to be free from defects in material and workmanship, excepting abuse or misuse, for a period of one year from the date of sale to the original user or consumer purchaser. If your unit fails or malfunctions within the first 30 days of the warranty, we will replace it with a new unit. If your unit malfunctions or fails within the 12 month warranty period because of a defect in material or workmanship, we will repair without charge.

The internal battery, excluding units with swollen batteries or melted battery terminals, carries a 90-day warranty from the date of purchase. Proof of purchase required. All battery replacements will be at the sole discretion of the manufacturer or his designated agents.

This warranty is in lieu of all other express warranties. The duration of any implied warranty, including but not limited to any implied warranty of merchantability or fitness for a particular purpose, made in respect to your unit is limited to the period of the express warranty set forth above.

For warranty service, return your product, with proof of purchase, to the factory or a designated agent: Schumacher Electric Corporation Warranty Service Department, 1025 E. Thompson Street, PO Box 280, Hoopeston, IL 60942. Phone 1-800-621-5485, Customer Service hours: 7 AM to 4 PM CST.

You will be responsible for all insurance and freight or other transportation charges to the factory or point of repair. We will return your unit freight prepaid if repair is covered under warranty. Your unit should be properly packed to avoid damage in transit, since we will not be responsible for any such damage.

In no event shall Schumacher Electric Corporation be liable for consequential or incidental damages. Some states do not allow limitations on the length of the implied warranty or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



CONTAINS SEALED NON-SPILLABLE LEAD-ACID BATTERY. MUST BE DISPOSED OF PROPERLY.

WARNING: Possible explosion hazard. Contact with battery acid may cause severe burns and blindness. Keep out of reach of children.



Schumacher Electric Corporation
801 Business Center Drive, Mount Prospect, IL 60056-2179

Send Warranty Product Repairs to: Schumacher Electric Corporation,
1025 East Thompson, Hoopeston, IL 60942-0280.
Call Customer Service if you have questions: 1-800-621-5485.