











# **About ITECH**

ITECH is devoted to research and development in power supply technologies in test and measurement. The company specialized over the years and it is skilled in producing high power electronic testing systems, high-performance automated testing systems, power supplies and electronic loads. Our products are widely used by enterprises in all fields. Our products are well known for high performance and quality which are exported to over twenty countries in Europe, North America and Asia.

# **Quality Policy**

ITECH will keep on researching and developing new products to satisfy the diversified application requirements, and supplying perfect quality for your needs through continuous improvements.

# **Marketing and service**

ITECH has branches in mainland China, Taiwan, Korea and USA. We will supply the best products together with the best after-sale service for you.

## Vision

The mission of ITECH is to serve the customer requirements. ITECH will be continuously devoted to researching and manufacturing power supplies and power supply testing products, and supply to you high quality products and the best after sale service support through its excellent technology and marketing network .ITECH will be one of your preferred suppliers .

# **Our customer**

ITECH products are widely preferred by customers for the reputation, performance and quality. Our customers including famous companies and institutions in worldwide, such as ABB, Bosch, Intel, LG, Nokia, Siemens, Sony, Fuji, Volkswagen, Ford, Delta, Samsung and Foxcoon and so on.





# power supply

Provide you with the most reliable and accurate power supply

ITECH providing you with the most reliable and accurate power supply, meet your research and development testing, production testing requirements.

#### IT6860A Dual-range power supply

IT6860A power supply is a dual-range output power supply with high resolution of 1mV, 0. 1mA, which can test the products with different power range. You can adjust the voltage /current stepping by pressing the left and right keys to moving the cursor. It supports output timer function and programs by the front panel, which will bring great convenience. Its built-in RS232 and USB communication interfaces make the communication much faster

#### IT6800 Standard programable power supply

IT6800 series programming power(18V—150V/90W—216W), small size ,high power output, 10mV, 10mA resolution and accuracy , VFD highlight display, optional GPIB/USB/RS232 communication interfaces, of fer free PV6800 PC control software.

#### IT6500 Auto-rang programmable Power Supply

IT6500 series programmable power supply with 1mV,1mA high resolution and accuracy. IT6500 series products can function in CV or CC mode,integrated voltage sequence according to DIN 40839. It's the best solution for your laboratory tests,production tests and other applications with a small size of 1U.

#### IT6900A Multi-function programmable power supply

IT6900A series power supply apply auto-range digital technology, enables customers to adjust to the maximum output voltage or current at a fixed power. IT6900A series of power also has the bulit-in RS232/USB/GPIB communication interface.

#### IT6100 High accuracy programmable power supply

IT6100 series programmable power supply (100W–1200W),0.1mV, 1mA high resolution and high accuracy, ensure your accurate measurements. Up to 20ms rise speed, built-in 5 1/2digit digital voltmeter, can measure additional signals accurately. List mode can edit and carry out the preset voltage waveform independently.

#### IT6300 Triple output programmable

IT6322 programmable 3 channel power supply is provided with 1mV , 1mA high resolution and high accuracy. High-definition VFD display can display and set the voltage of 3 channels at one time without switching. It greatly simplifies the complex operation of the traditional 3 channel power supply

#### IT6700 Digital control power supply

The IT6700-series of digital control dc power supplies give you the performance of programmable power supplies without the high price. With the auto-range technology, It offers you the flexible output voltage and current. With high power in a compact unit, the IT6700-series give you excellent performance while saving your space and cost at the same time.

#### IT6700H High voltage programmable power supply

IT6700H series power supplies are high perforance single-output programmable power supply with communiction interface .This series can output the max voltage or current with a fixed power for customers.

#### IT7300 Programmable AC power supply

IT7300 series is single phase programmable AC power supply. This series power supply outputs kinds of normal and abnormal AC input to measure essential parameters of products. Its built-in LAN, USB, RS232 communication interface makes your test efficient.



#### Feature

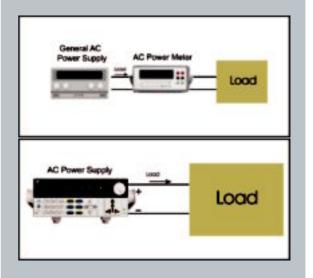
- High accuracy and resolution
- Compact and standard size (300VA ½2U)
- Programmable frequency:45HZ-500HZ
- Display Vrms,Irms,Ipeak,frequency,PF,apparent power and active power simultaneously
- IEC61000-4-11,IEC 61000-4-14,IEC 61000-4-28 voltage dips and frequency variation simulation
- Power line disturbance simulation capability
- Programmable voltage and current limit settings
- Dimmer function
- Turn on,turn off phase angle control(0-360°)
- TTL signal which indicates output transient
- Support front and rear panel output
- List mode to generate surge,sag and other line disturbance simulations
- Over-voltage,over-power,over-current,over-temperat ure protection features
- Built-in LAN,RS-232/GPIB/USB interface programming with SCPI command language Note:IT7321 do not have GPIB interface

Model	Specification
IT7321	300V/3A/300VA
IT7322	300V/6A/750VA
IT7324	300V/12A/1500VA
IT7326	300V/24A/3000VA

## **IT7300 Series AC power supply**

IT7300 series sets up the new standard for high performance AC power source. It equips with all powerful features such as power line disturbance (PLD) simulation, Dimmer and comprehensive measurement functions. IT7300 series has built-in LAN/RS232/USB/GPIB communication interface. IT7300 series can apply to commercial, power electronics and military test applications from bench-top testing to mass production.

#### IT7300 = "AC power supply" + "Power meter"



Normally, when test AC products, a power meter is needed to connect between AC power supply and DUT in series. Since power meter is built-in in IT7300, user don't need to connect an extra power meter. It is not only easy for test, but also save cost.



### Linear Amplifier Technology

IT7300 series AC source adopts latest linear technology which greatly reduce the output noise and ensure high working stability. Because of the lower ripple index, this series AC source can assist user to get a more precision measuring result.

#### Multi-function and high precision measurement

IT7300 series AC source uses advanced DSP circuit to get higher precision and high-speed measurement for ture RMS voltage, true RMS current, true power, frequency, power factor and peak value. In addition, its high resolution 0.01W/0.1mA extends the application for Energy Star testing standard. IT7300 series is not only a AC source, but also a powerful meter.

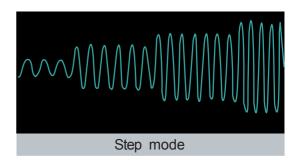
### Adjustable phase angle

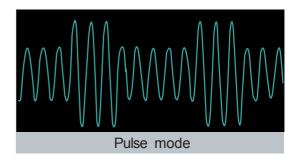
User can set the start and stop phase angle within range of 0~360°. This function is widely used for startup and shutdown current impact test or various rectifier performance test.

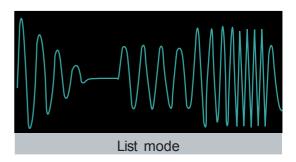


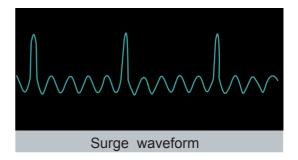
#### Power line disturbance simulation function

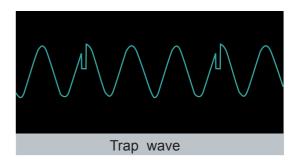
IT7300 series provides powerful functions to simulate all kinds of power line disturbance conditions. The STEP and PULSE modes offer a method to execute a single step or continuous output changes. The LIST Mode, up to 100 sequences, extends this function for more complex waveform generator needs. In this way, IT7300 series is capable of simulating all sorts of voltage dips, surge or trapped wave. The IT7300 series enables users to perform the pre - compliance tests against IEC 61000-4-11 and compliance test against IEC 61000-4-14/-4-28 immunity test regulations.











#### Built-in communication interface

An easy-to use rotary knob and self-guiding keypads allow you to set the output at your desired value without any effort. In addition, IT7300 series AC source has built-in RS232/USB/GPIB/LAN interface, providing customer high speed and stable communication quality. Note: IT7321 do not have GPIB interface.

#### IT7300 software

IT7000 software offers sweep test, list test, quick setting, phase dimmer test, report and save the data.

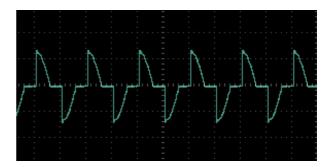


#### High stability

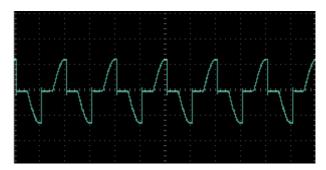
Based on professional high anti-environment disturbance technology, self-diagnosis design and OCP/OPP/OTP protections, this series power supply could work well even in bad environment. IT7300 AC power supply assists engineer to ensure quality for products.

#### TRIAC Dimmer simulation function

ITECH is the pioneer of TRIAC Dimmer function. This function is used to do dimming and speed regulating test for lamp or electric motor to ensure the products work well when controller of dimming and speed regulating is needed.



Front phase dimmer



Back phase dimmer

#### SWEEP function

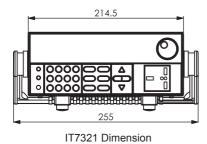
This function tests efficiency of switch power supply and gets voltage and frequency value at max power. It could change voltage and frequency by setting start voltage value, end voltage value, stepping voltage value, start frequency, end frequency, stepping frequency and time of each step. Time unit of each step could be S, M, H. And it saves 10 files at most voltage, frequency and current of max power will be displayed when the test is over.

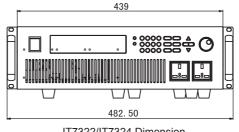


# **Specification**

UT		IT7321	IT7322
Phase		1	1
Voltage		220Vac±10% 220Vac±10%	220Vac±10%
Frequency		47-63Hz	47-63Hz
Max.Current		8A	15A
Power Factor		0.5(typical)	0.7(typical)
OUTPUT		ο.ο(ιγρισαι)	o.r(typical)
Max.Power		300VA	750VA
Max Current(rms)	0-150V	3.0A	6A(0-150V)
(	0-300V	1,5A	3A(0-300V)
Max Current(peak)	0-150V	12A	24A (0-150V)
max carrent(peart)	0-300V	6A	12A(0-300V)
Phase	0 000 0	1Φ/2W	1Φ/2W
Total Harmonic Distortion(	THD)	≤0.5% at 45-500Hz (Resistive Load)	≤0.5% at 45-500Hz (Resistive Load)
Crest Factor	(111110)	≥4	≥4
Line Regulation		0.1% max for a ±10% line change	0.1% max for a ±10% line change
Load Regulation		≤0.5%FS(Resistive Load)	≤0.5%FS (Resistive Load)
Response Time		<100uS	<100uS
TING		170000	10000
TINO	Range	0-300V, 150/300V Auto	0-300V, 150/300V Auto
Voltage	Resolution	0.1V	0.1V
voltage	Accuracy	±(0.2%+0.6V)	±(0.2% +0.6V)
	Range	45-500Hz	45-500Hz
Frequency	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz	0.1Hz at 45-99.9Hz 1Hz at 100-500h
rroquonoy	Accuracy	0.1Hz	0.1HZ
	Range	0-360°	0-360°
Phase Angle	Resolution	0.1°	0.1°
1 Hase Angle	Accuracy	±1°(45-65Hz)	±1°(45-65Hz)
ASUREMENT	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1. (.0 302)	
1001121112111	Range	0-300V	0-300V
Voltage(rms)	Resolution	0.1V	0.1V
3 ( )	Accuracy	±(0.2%+0.6V)	±(0.2% + 0.6V)
	Range	L:120.0mA * M:1,200A * H:3,00A *	L:120.0mA/ M:1.200A/ H:3.00A
Current(rms)	Resolution	L:0.1mA M:1mA H:10mA	L:0.1mA/ M:1mA/ H:10 mA
,	Accuracy	L:±(0.2%+0.4mA) M:±(0.2%+4mA	
	Range	0-12A	0-12A
Current(peak)	Resolution	0.01A	0.01A
	Accuracy	±(1%+120mA)	±(1% + 120mA)
Dower	Resolution	L:0,01W M:0,1W H:1W	L:0.01W/ M:0.1W/ H:1W
Power	Accuracy		(0.2%+0.5W) (47HZ-65HZ) H:±(0.2%+2W) (47HZ
NERAL		2.2(21275 - 2135 - 17) ( 12 - 351 - 17)	
Memory		10 memories	10 memories
Sync Output Signal		Output Signal 5V,BNC type	Output Signal 5V, BNC type
Operation Environment		0-40°C/20-80%RH	0-40℃/20-80%RH
·		½19" 2U	19" 3U
Dimension		72 19 20	

<sup>\*</sup>There are three levels of current, L-level, M-level and H-level. If Ipeak>300%(Full rms), low level will change to high level; if Ipeak<20%(full rms), M-level will change to L-level; if Ipeak<80%(full rms), H-level will change to M-level.





IT7322/IT7324 Dimension

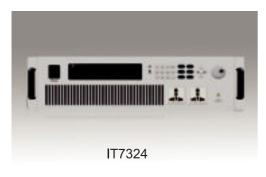
Unit: mm



# **Specification**

		IT7324	IT7326
INPUT			
Phase		1	1
Voltage		220Vac±10%	220Vac±10%
Frequency		47-63Hz	47-63Hz
Max.Current		30A	60A
Power Factor		0.7(typical)	0.7(typical)
AC OUTPUT			
Max.Power		1500VA	3000VA
Max Current(rms)	0-150V	12A(0-150V)	24A(0-150V)
	0-300V	6A(0-300V)	12A(0-300V)
Max Current(peak)	0-150V	48A (0-150V)	96A (0-150V)
	0-300V	24A(0-300V)	48A(0-300V)
Phase		1Φ/2W	1Φ/2W
Total Harmonic Distortion	n(T.H.D)	≤0.5% at 45-500Hz (Resistive Load)	≤0.5% at 45-500Hz (Resistive Load)
Crest Factor	,	≥4	≥4
Line Regulation		0.1% max for a ±10% line change	0.1% max for a ±10% line change
Load Regulation		≤0.5%FS (Resistive Load)	≤0.5%FS (Resistive Load)
Response Time		<100uS	<100uS
SETTING			
	Range	0-300V, 150/300V Auto	0-300V, 150/300V Auto
Voltage	Resolution	0.1V	0.1V
	Accuracy	±(0.2% +0.6V)	±(0.2% +0.6V)
	Range	45-500Hz	45-500Hz
Frequency	Resolution	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz	0.1Hz at 45-99.9Hz 1Hz at 100-500Hz
	Accuracy	0.1HZ	0.1HZ
	Range	0-360°	0-360°
Phase Angle	Resolution	0.1°	0.1°
	Accuracy	±1°(45-65Hz)	±1°(45-65Hz)
MEASUREMENT			
	Range	0-300V	0-300V
Voltage(rms)	Resolution	0.1V	0.1V
	Accuracy	±(0.2% + 0.6V)	±(0.2% + 0.6V)
	Range	L:120.0mA/ M:1.200A/ H:3.00A	L:120.0mA/ M:1.200A/ H:12.00A
Current(rms)	Resolution	L:0.1mA/ M:1mA/ H:10 mA	L:0.1mA/ M:1mA/ H:10 mA
	Accuracy	L: ±(0.2%+0.4mA)/ M: :	±(0.2%+4mA)/ H: ±(0.2%+20mA)
	Range	0-12A	0-96A
Current(peak)	Resolution	0.01A	0.01A
	Accuracy	±(1% + 120mA)	±(1% + 120mA)
Power	Resolution	L:0.01W/ M:0.1W/ H:1W	L:0.01W/ M:0.1W/ H:1W
	Accuracy	L: ±(0.2%+0.05W) (47HZ-65HZ)/	M: ±(0.2%+0.5W) (47HZ-65HZ)/ H: ±(0.2%+2W) (47HZ-65HZ)
GENERAL		, , , , , , , , , , , , , , , , , , , ,	
Memory		10 memories	10 memories
Sync Output Signal		Output Signal 5V, BNC type	Output Signal 5V, BNC type
Operation Environment		0-40℃/20-80%RH	0-40℃/20-80%RH
Dimension		19" 3U	19″ 6U
Interface		LAN/USB/RS232/GPIB	LAN/USB/RS232/GPIB

<sup>\*</sup>There are three levels of current, L-level, M-level and H-level. If Ipeak>300%(Full rms), low level will change to high level; if Ipeak<20%(full rms), M-level will change to L-level; if Ipeak<80%(full rms), H-level will change to M-level.





## Standard accessory

Power cord
Calibration report
User manual



IT-E121 RS232 Communication interface, with RS232 standard communication cable IT-E122 USB Communication interface, with USB standardcommunication cable Applicable models: IT6100, IT6800, IT6322, IT6302, IT8500+, IT8500



IT-E123 RS485 Communication interface, with RS485 interface Applicable models: IT8500+, IT8500, IT6800, IT6100, IT6322



IT-E133GPIB communication cable, support SCPI protocol Applicable model: IT6800 series IT-E134GPIB communication cable, support SCPI protocol Applicable model: IT8500 series

ITECH supply multi optional accessories which satisfy your different need.



IT-E135 GPIB communication cable, support SCPI protocol Applicable model: IT6100 series, IT6322



IT-E161 0-10V analog interface cable for monitoring and setting Applicable model: IT6100 series



IT-E162 digital interface calbe for monitoring and setting Applicable model: IT6100 series



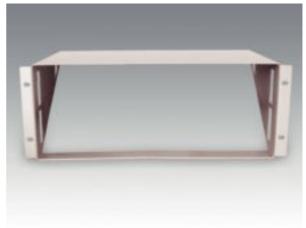
IT-E163 0-10V analog interface cable for monitoring and setting Applicable model: IT6100 series



IT-E151 19 rack mount kit Applicable model:IT6800, IT8500 (model: <1200W), IT6100, IT6800, IT6322 series



IT-253 keyboard Help IT8500 series electronic load to complete Auto-test function Applicable model: IT8500 series



IT-E152 rack mount kit
Applicable model:IT8200 and IT6700 series



IT-E153 rack mount kit Applicable model:IT8700 series



1/2 2U double units installation picture



# ITECH Products Selection Guide

* DC Electronic Load	
IT8700 series multi-channel electronic	load
Model	Specification
IT8731	80V/40A/200W
IT8732	80V/60A/400W
IT8732B	500V/20A/300W
IT8733	80V/120A/600W
IT8733B	500V/30A/500W
IT8722	80V/20A/250W*CH1
	80V/20A/250W*CH2 *1
IT8723	80V/45A/300W CH1
	80V/45A/300W CH2 *1
IT8702	Mainframe for four modules
IT8703	Extended frame for four modules

- \*1: The total power of dual channel for IT8722 is 300W.
- \*2: IT8731,IT8732,IT8732B,IT8733,IT8733B and IT8722 should be equipped with IT8702.
  \*3: Main frame equips built-in RS232/USB/GPIB/Ether Net interface.

*3 : Main frame equips built-in RS2	232/USB/GPIB/Ether Net interface.
IT8800 series multi-function input electro	onic load (standard RS232/USB/GPIB interface)
Model	Specification
IT8811	120V/30A/150W
IT8812	120V/30A/250W
IT8812B	500V/15A/200W
IT8812C	120V/60A/250W
IT8813	120V/60A/750W
IT8813B	500V/30A/750W
IT8814	120V/120A/1500W
IT8814B	500V/60A/1200W
IT8816	120V/240A/3000W
IT8816B	500V/100A/2500W
IT8817	120V/360A/4500W
IT8817B	500V/120A/3600W
IT8818	120V/480A/6000W
IT8818B	500V/150A/5000W
IT8830	120V/500A/10KW
IT8830B	500V/200A/10KW
IT8830H	800V/100A/10KW
IT8831	120V/750A/15KW
IT8831B	500V/300A/15KW
IT8831H	800V/150A/15KW
IT8832	120V/1000A/20KW
IT8832B	500V/400A/20KW
IT8832H	800V/200A/20KW
IT8833	120V/1500A/25KW
IT8833B	500V/500A/25KW
IT8833H	800V/250A/25KW
IT8834B	500V/600A/30KW
IT8834H	800V/300A/30KW
IT8835B	500V/700A/35KW
IT8835H	800V/350A/35KW
IT8836B	500V/800A/40KW
IT8836H	800V/400A/40KW
IT8837B	500V/900A/45KW
IT8837Н	800V/450A/45KW
IT8838B	500V/1000A/50KW 800V/500A/50KW
IT8838H	
IT8839B	500V/1100A/55KW
IT8839H *60KW-600KW is available	800V/600A/55KW
IT8500 series single channel electr	ronic load (optional RS232/USB/GPIB interface)
Model	Specification
IT8511	120V/30A/150W
IT8512	120V/30A/300W
IT8512B	500V/15A/300W
IT8512C	120V/60A/300W
	500V/30A/600W
IT8513B	
IT8513C	120V/120A/600W
IT8514B	500V/60A/1200W

120V/240A/1200W

60V/240A/1200W 120V/240A/1800W

500V/120A/2400W

120V/240A/2400W

IT6152

IT6153

Model	Specification
IT8516E	120V/240A/3000W
IT8518B	500V/120A/5000W
IT8518C	60V/240A/5000W
IT8518E	60V/240A/6000W
IT8518F	60V/480A/5000W
IT8500+ series upgrade single channel electronic	load (optional RS232/USB/GPIB interface)
Model	Specification
IT8511+	120V/30A/150W
IT8512+	120V/30A/300W
IT8512A+	150V/30A/300W
IT8512B+	500V/15A/300W
IT8512C+	120V/60A/300W
IT8513C+	120V/120A/600W
IT8514B+	500V/60A/1500W
IT8514C+	120V/240A/1500W
IT8516C+	120V/240A/3000W
8200 series economic electronic load	
Model	Specification
IT8211	60V/30A/150W
DC Power Supply	·
	(1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6500 series auto-range programmable DC power sup	
Model	Specification
IT6512 (with Dynamic test and DIN waveform)	80V/60A/1200W
IT6512A	80V/60A/1200W
IT6512D IT6513(with Dynamic test and DIN waveform)	80V/120A/1600W 150V/30A/1200W
IT6513A	150V/30A/1200W
IT6522A	80V/120A/3000W
IT6523D	160V/120A/3000W
IT6533A	160V/120A/6000W
IT6532A	80V/240A/6000W
76900A series multi-function programmable pov	
Model	Specification
IT6922A	60V/5A/100W
IT6932A	60V/10A/200W
IT6942A	60V/15A/360W
IT6952A	60V/25A/600W
IT6953A	150V/10A/600W
T6800 series programmable power supp	
Model	Specification
IT6821	18V/5A/90W
IT6822	32V/3A/96W
IT6823	72V/1.5A/108W
IT6831	18V/10A/180W
IT6832	32V/6A/192W
IT6833	72V/3A/216W
IT6834	150V/1.2A/180W
	ver supply (standard RS232/USB interface
6860A series dual-range programmable pov	
F6860A series dual-range programmable pov Model	Specification
0 1 0 1	113
Model IT6861A IT6862A	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W
Model IT6861A IT6862A IT6863A	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W
Model IT6861A IT6862A IT6863A IT6872A	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W
Model IT6861A IT6862A IT6863A IT6872A IT6873A	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W
Model IT6861A IT6862A IT6863A IT6872A IT6873A IT6874A	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W
Model IT6861A IT6862A IT6863A IT6872A IT6873A IT6874A IT6874A	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W wer supply (standard RS232/USB/GPIB interface
Model IT6861A IT6862A IT6863A IT6872A IT6873A IT6874A IT6874A IT6880B series dual-range programmable pov	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W ver supply (standard RS232/USB/GPIB interface
Model IT6861A IT6862A IT6863A IT6873A IT6874A IT6874A IT6860B series dual-range programmable pov Model IT6861B	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W ver supply (standard RS232/USB/GPIB interface) Specification 20V/5A/100W 8V/9A/72W
Model IT6861A IT6862A IT6863A IT6873A IT6873A IT6874A IT6860B series dual-range programmable pow Model IT6861B IT6862B	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W ver supply (standard RS232/USB/GPIB interface) Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W
Model IT6861A IT6862A IT6863A IT6872A IT6873A IT6874A IT6860B series dual-range programmable pov Model IT6861B IT6862B IT6863B	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W ver supply (standard RS232/USB/GPIB interface) Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1.5A/108W 32V/3A/96W
Model IT6861A IT6862A IT6863A IT6872A IT6873A IT6874A I6860B series dual-range programmable pov Model IT6861B IT6862B IT6863B IT6872B	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W ver supply (standard RS232/USB/GPIB interfaction 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1.5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W
IT6861A IT6862A IT6863A IT6872A IT6873A IT6874A T6860B series dual-range programmable pov Model IT6861B IT6862B IT6863B IT6872B IT6873A	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W ver supply (standard RS232/USB/GPIB interface Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1.5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W
Model IT6861A IT6862A IT6863A IT6872A IT6873A IT6874A T6860B series dual-range programmable pov Model IT6861B IT6863B IT6872B IT6873A	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W ver supply (standard RS232/USB/GPIB interfact Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1.5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W
Model IT6861A IT6862A IT6863A IT6872A IT6873A IT6874A IT6860B series dual-range programmable pov Model IT6861B IT6862B IT6863B IT6872B IT6873A	Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1 5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W ver supply (standard RS232/USB/GPIB interfact Specification 20V/5A/100W 8V/9A/72W 32V/3A/96W 12V/6A/72W 72V/1.5A/108W 32V/3A/96W 35V/4A/140W 15V/7A/105W 75V/2A/150W 32V/4A/128W 150V/1.2A/180W 60V/2A/120W

20V/27A/540W

30V/18A/540W

IT8514C

IT8514F

IT8515C

IT8516B

IT8516C

Model	Specification
IT6154	60V/9A/540W
IT6162	20V/48A/960W
IT6163	30V/32A/960W
IT6164	60V/16A/960W
IT6100B series accuracy programmable p	ower supply (standard RS232/USB/GPIB interface)
Model	Specification
IT6121B	20V/5A/100W
IT6122B	32V/3A/96W
IT6123B	72V/1.2A/86W
IT6132B	30V/5A/150W
IT6133B	60V/2.5A/150W
IT6300 series triple-channel programma	
Model	Specification
IT6322	30V/3A/90W*2CH
	5V/3A/15W*1CH
IT6300A series triple-channel programm	nable power supply (standard RS232/USB interface)
Model	Specification
IT6322A	30V/3A/90W*2CH
	5V/3A/15W*1CH
IT6332A	30V/6A/180W*2CH
	5V/3A/15W*1CH
IT6333A	60V/3A/180W*2CH
11000071	5V/3A/15W*1CH
IT6300R series triple-channel programm	nable power supply (standard RS232/USB/GPIB interface)
Model	Specification
IT6322B	30V/3A/90W*2CH
1100223	5V/3A/15W*1CH
IT6332B	30V/6A/180W*2CH
1100025	5V/3A/15W*1CH
IT6333B	60V/3A/180W*2CH
110000B	5V/3A/15W*1CH
ITOOOO LELL	
IIIh302 triple-channel programm	nahle nower sunnly
IT6302 triple-channel programm (application: education industry/lal	
Model	Specification
	Specification 30V/3A/90W*2CH
Model IT6302	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH
Model IT6302 IT6700 series digital control power	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply
Model IT6302 IT6700 series digital control power Model	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply Specification
Model IT6302 IT6700 series digital control power	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply
Model IT6302 IT6700 series digital control power Model IT6720	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply Specification 60V/5A/100W 60V/8A/180W
Model IT6302 IT6700 series digital control power Model IT6720 IT6721	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply Specification 60V/5A/100W 60V/8A/180W
Model IT6302 IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply  Specification 60V/5A/100W 60V/8A/180W  DC power supply (standard RS232/USB/GPIB interface)
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable Model IT6723G IT6723B	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface Specification
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT670H series high voltage programmable Model IT6723G IT6723B IT6723C	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH  supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721  IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface) Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721  IT670H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply Specification 60V/5A/100W 60V/8A/180W DC power supply (standard RS232/USB/GPIB interface) Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 300V/10A/850W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H IT6724B	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface) Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 300V/10A/850W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H IT6724B IT6724B	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface) Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 300V/10A/850W 150V/20A/1500W 32V/110A/1500W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H IT6724H IT6724H	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH  supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 300V/10A/850W 150V/20A/1500W 32V/110A/1500W 32V/110A/1500W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H IT6724H IT6724H IT6724H	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 300V/10A/850W 150V/20A/1500W 32V/110A/850W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H IT6724H IT6724H	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH  supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 300V/10A/850W 300V/10A/850W 300V/10A/850W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H IT6724H IT6724B IT6724C IT6724H IT6724G IT6724G	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH  supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 150V/20A/1500W 32V/110A/1500W 32V/110A/1500W 80V/10A/1500W 80V/10A/1500W 80V/40A/1500W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H IT6724H IT6724C IT6724H IT6724G IT6724G IT6724 IT6726B	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply  Specification 60V/5A/100W 60V/8A/180W DC power supply (standard RS232/USB/GPIB interface Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 300V/10A/850W 32V/110A/1500W 30V/10A/1500W 30V/10A/1500W 30V/10A/1500W 80V/40A/1500W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6701 series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H IT6724B IT6724H IT6724C IT6724H IT6724G IT6724G IT6724G IT6726B IT6726H	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply  Specification 60V/5A/100W 60V/8A/180W EDC power supply (standard RS232/USB/GPIB interface) Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 300V/10A/ 850W 150V/20A/1500W 32V/110A/1500W 600V/5A/1500W 80V/40A/1500W 300V/10A/1500W 600V/5A/1500W 80V/40A/1500W 80V/40A/1500W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721  IT6701 series high voltage programmable Model IT6723G IT6723B IT6723C IT6723 IT6723H IT6724B IT6724C IT6724C IT6724C IT6724G IT6724G IT6724G IT6726B IT6726B IT6726G IT6726V	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface) Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 150V/20A/1500W 32V/110A/1500W 32V/110A/1500W 300V/10A/1500W 300V/10A/1500W 600V/5A/1500W 80V/40A/1500W 600V/5A/1500W 600V/5A/1500W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721  IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723H IT6723H IT6724H IT6724B IT6724C IT6724H IT6724G IT6726G IT6726G IT6726V  *AC Power Supply	Specification 30V/3A/90W*2CH 5V/3A/15W*1 CH supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface) Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 150V/20A/1500W 32V/110A/1500W 32V/110A/1500W 30V/10A/1500W 30V/10A/1500W 600V/5A/1500W 600V/5A/3000W 600V/40A/3000W
Model	Specification 30V/3A/15W*1 CH 5V/3A/15W*1 CH  supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 300V/10A/850W 300V/10A/850W 150V/20A/1500W 30V/110A/1500W 30V/110A/1500W 30V/10A/1500W 600V/5A/1500W 80V/40A/3000W 600V/5A/3000W 160V/40A/3000W 1200V/5A/3000W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721  IT6700H series high voltage programmable Model IT6723G IT6723B IT6723C IT6723H IT6723H IT6724H IT6724B IT6724C IT6724H IT6724G IT6726G IT6726G IT6726V  *AC Power Supply	Specification 30V/3A/15W*1 CH 5V/3A/15W*1 CH  supply  Specification 60V/5A/100W 60V/8A/180W e DC power supply (standard RS232/USB/GPIB interface) Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 300V/10A/850W 150V/20A/1500W 30V/10A/1500W 30V/10A/1500W 30V/10A/1500W 600V/5A/1500W 80V/40A/3000W 600V/5A/3000W 600V/10A/3000W 600V/10A/3000W
Model IT6302  IT6700 series digital control power Model IT6720 IT6721 IT6700H series high voltage programmable Model IT6723G IT6723B IT6723B IT6723C IT6723H IT6724H IT6724B IT6724C IT6724H IT6724G IT6724H IT6724G IT6726B IT6726H IT6726B IT6726C IT6726V  *AC Power Supply IT7300 series AC power supply	Specification 30V/3A/15W*1 CH 5V/3A/15W*1 CH  supply  Specification 60V/5A/100W 60V/8A/180W DC power supply (standard RS232/USB/GPIB interface) Specification 600V/5A/850W 150V/20A/850W 32V/110A/850W 80V/40A/850W 32V/110A/1500W 32V/110A/1500W 32V/110A/1500W 300V/10A/1500W 300V/10A/1500W 600V/5A/1500W 600V/5A/1500W 600V/5A/1500W 600V/5A/3000W (standard RS232/USB/LAN interface) 300V/3A/300VA









# **ITECH -- Your Power Test Solution**



## **Taiwan**

TEL:+886-3-6684333 FAX:+886-3-6683152 E-mail:sales@itechate.com.tw

16F, #65 Gaotie 7th Rd., Zhubei City, Hsinchu County 302 Taiwan

## China

TEL:+86-25-52415098 FAX:+86-25-52415268 E-mail:sales@itechate.com

108# XiShanqiao Nanlu, Nanjing city, China

## USA

Savi Ranch Parkway Yorba Linda, CA 92887 U.S.A. E-mail:usa@itechate.com

## Korea

#153-783,Rm601,ByuckSan,GaSan-Dong,Seoul,Korea E-mail:korea@itechate.com