



ITECH Profile

ITECH company and products brief introduction

Your Best Power Solution

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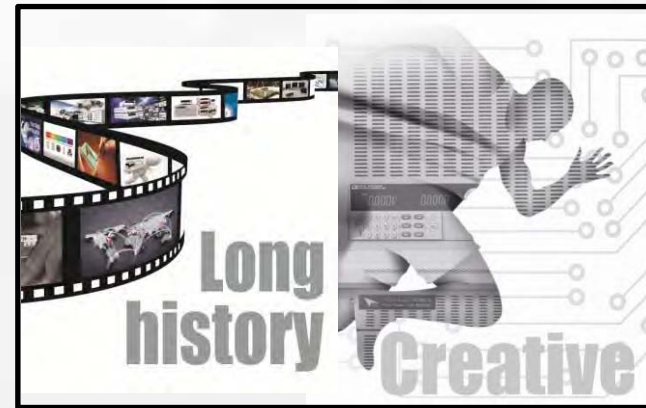
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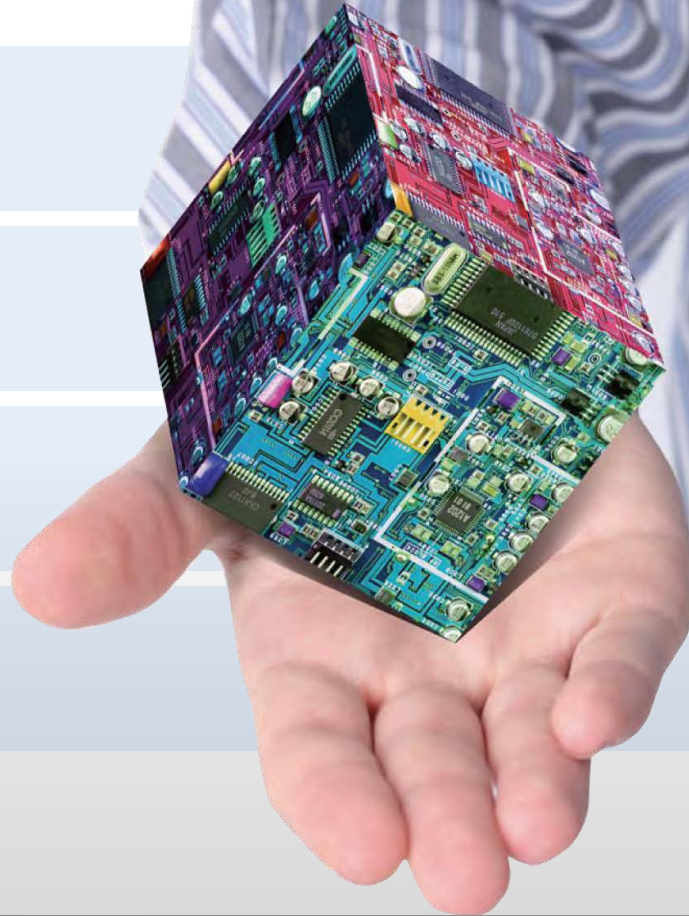


ITECH History



ITECH ELECTRONIC, company specialized over the years and it is skilled in equipment manufacturing, is the global leader in the field of power testing. **ITECH ELECTRONIC** is devoted to the field of power electronic test & measurement. It focuses on products research, manufacturing, import-export, sales and maintenance. **ITECH China** is in Nanjing City.

Intelligent Integrated Instrument Technology



www.itechate.com / 4006-025-000

ITECH means **I**ntelligent , **I**ntegrated , **I**nstrument and **T**echnology, which means **ITECH** always provide intelligent and integrated instruments with our professional technology. **ITECH** have already spread our spirits and services to the whole world.

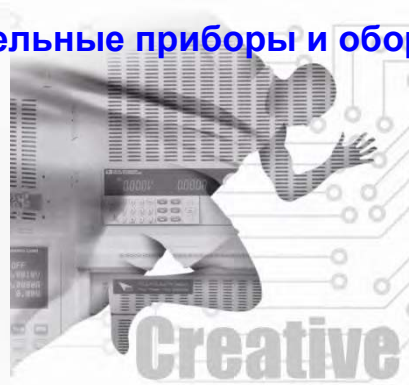
ITECH Marketing & Service



ITECH sales network has spread all over the world. With service & marketing location in **USA, Germany, Korea, North Taiwan** and **China mainland**, to provide the best sales and after-sale service to the customers.

ООО "Техэнком"

Контрольно-измерительные приборы и оборудование www.tehencom.com



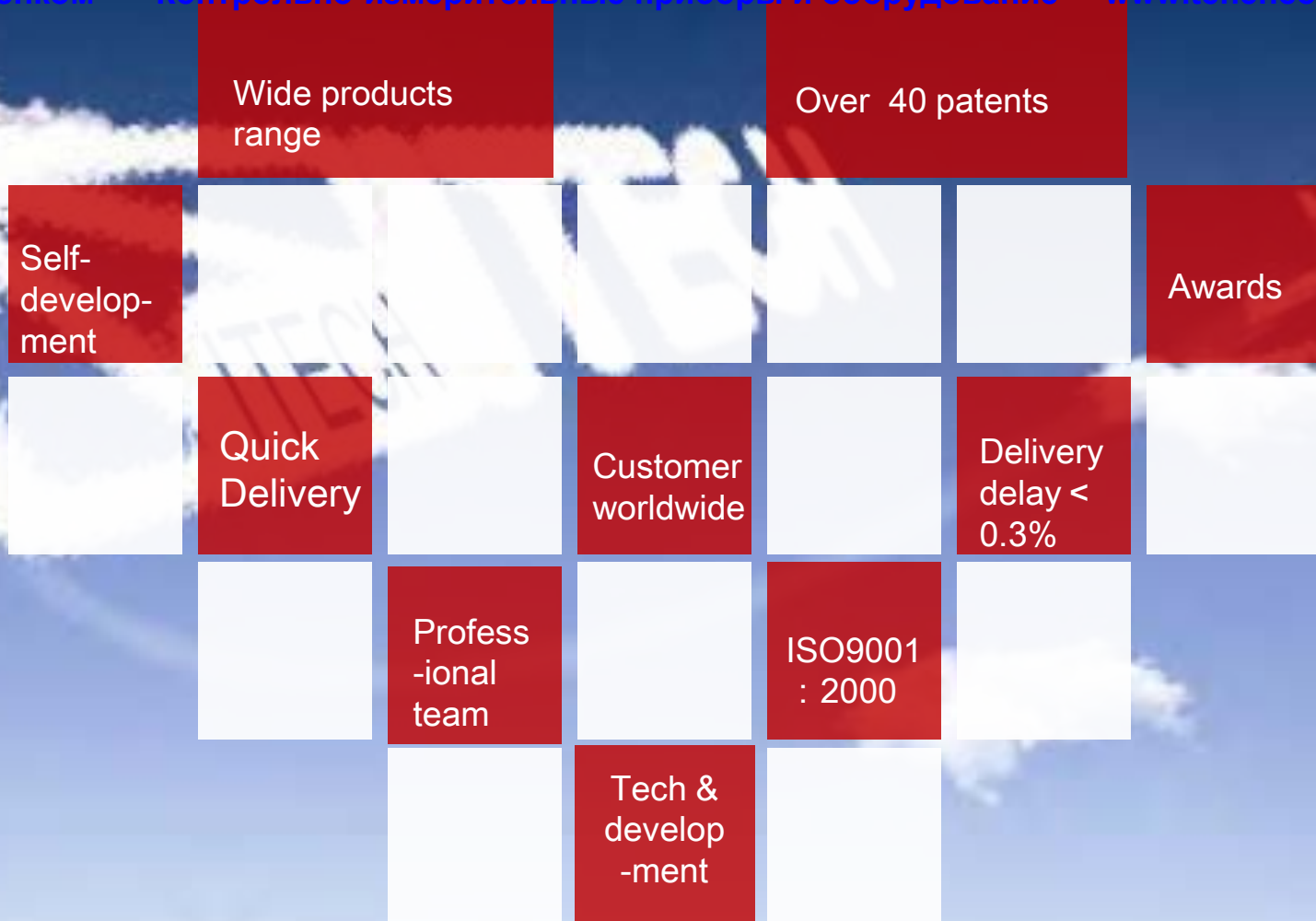
power supply engineering
technology research centre

CSA certified factory

AAA Credible Enterprise



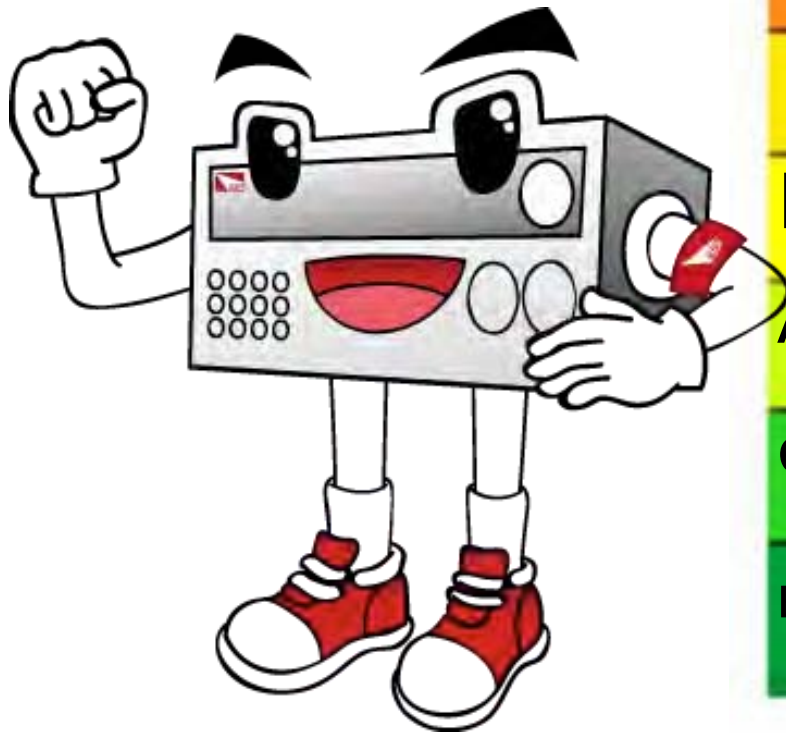
ITECH devote to providing complete testing solution for power electronics. Now, **ITECH** factory have passed CSA certification, is officially authorized power supply Engineering research center.



Now, **ITECH** owned over 40 technological patents, have passed ISO9001 : 2000 quality management system certificates. Also **ITECH** have the most wide power products range, with the fast delivery time, delivery delay lower than 0.3%.

ITECH Product Application

Power electronics



Industry

Institute

Military

lab

Aerospace

Communication

Education

ITECH products are high accuracy and reliable, and main positioning in industry, military, institute and lab areas.

Automotive electronics



Battery



Power



LED



ITECH products have been widely used in automotive electronics, **battery**, **power supply**, **LED**, **new energy** etc. To provide complete and professional testing solution to the famous users such as electronic factory, national scientific research institution, university lab.

ITECH Typical clients



Electronic component



Power



Aerospace



Automotive accessories



ITECH typical customer.

2014



ITECH products have obtained numerous recognition and support, above are only some of the awards we get

ITECH Organization



ITECH has over 300 employees in Taiwan and Nanjing, which includes 120~130 R&D engineers. In 2015, **ITECH** will have 150 R&D engineers.

ITECH R&D Map

New product in every 2 months



ITECH launch the new products in every 2 month. Make sure to launch 6 new products in every year .

2015

2014

- AC Power Supply
 - IT7322
 - IT7326
 - DC EI-load
 - IT8733
- 600W Modular
- IT8900 series

For LED driver test



2014

- Auto test system
 - ITS9500
- Power test
 - ITS5300
- Battery test
 - Power Meter
 - IT9121
 - Inter-resistance tester
 - IT5100 series



- AC E-load
 - IT8600 series
- AC Power Supply
 - IT7600 Series
 - IT7322H
 - IT7324H
 - IT7326H
 - IT6722A
 - IT6400



2013

- AC Power Supply
 - IT7321
 - IT7324
 - DC Power Supply
 - IT6700H
- High voltage series
- IT6532A
 - IT6533A
- 6000w



Power Electronics T&M

New Energy
Automotive
Automation Products
Battery Power
LED Solar photovoltaic

In the product and marketing strategies, **ITECH** specialize in **power electronic measurement and test**, provide professional testing solution for new energy, automotive electronics, battery, power supply, LED , solar photovoltaic etc.



ITECH 2015 New Factory : 25000m²

2015 NEW products

-IT8600 AC Electronic Load

-15KW-45KW Power supply

-IT6400 Power supply

-AC OHM Meter

-4 Quadrant Power supply



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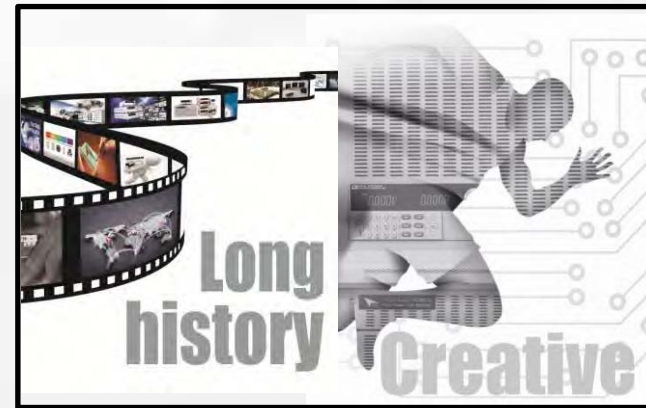
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ITECH Product Family

Solutions & Applications :

Power test solutions
Batter test solutions
Automotive test solutions
LED test solutions



Test instrument :

AC /DC power supply
AC /DC electronic load
Power meter
Battery tester



Auto test system :

Power supply test system
Battery test system
Solar cell test system
Charging pile test system
Junction box test system



ITECH Application Fields——Automotive



DC power supply



IT6512/IT6513



IT6522A



IT6532A/IT6533A



IT6832



IT6932A



IT6322

DC electronic load



IT8700 series



IT8800 series

ITECH Application Fields——Power supply

Auto test system



ITS9500

DC electronic load



IT8500+ series



IT8700 series



IT8800 series



ITECH Application Fields——Battery



Battery tester

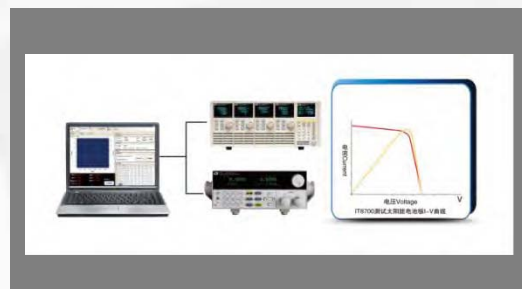


IT5102

Auto test system



ITS5300



IT9380

DC electronic load



IT8500+ series



IT8700 series



IT8800 series

ITECH Application Fields——LED



AC power supply



IT7321

DC power supply



IT6200



IT6700H



IT6900A



IT6874A

DC electronic load



IT8912E



IT8511+



IT8800 series

ITECH Application Fields——Wearable devices

AC power supply & Power meter



IT7300 series



IT9121

DC power supply



IT6922A/IT6932A



IT6300B series

DC electronic load



IT8511+



IT8700 series



ITECH AC&DC Power Supply Series

Basic power supply

- 100~180W
- digital control
- OCP/OVP/OTP



IT6700

High Voltage PS

- Voltage up to 1200V
- High stability
- small size



IT6700H

Dual –channel DC PS

- Programmable
- 1mV/0.1mA resolution
- low ripple



IT6860A

High power PS

- the power up to 6KW
- wider application
- Auto range



IT6500

Triple output PS

- Several model
- isolated outputs



IT6300B

Special PS

- LED
- Automotiv
- New energy



IT6722

IT6500

IT6635S

High resolution PS

- 0.1mV/0.01mA
- Programmable , List mode
- remote control



IT6100B

AC PS

- 300VA~xKW
- AUTO RANGE



IT7300



IT7600

ITECH AC&DC E-load Series

Basic Electronic load

- 150W
- digital control
- Programmable



IT8200

MUTICHANNEL EL

- 1~16 channel
- High speed 25KHz
- different E-load module



IT8700

Electronic Load

- 150W~5KW
- PV8500 free software



IT8500

HIGH POWER EL

- 600KW
- Reliable



IT8800

Updated Version

- 0.1mV/0.1mA
- OCP/OPP measurement



IT8500+

SPECIAL APPLICATION

- LED
- PS TESTING



IT8912E



IT8500+



IT8800

High Performance

- 150w-500kw
- 0.1mV/0.01mA
- high speed
- 0.0001A/us~2.5A/us
- Build in RS232/USB/GPIB



IT8800

AC

- 45-450Hz
- oscilloscope function
- Measure THD(V)
- parameters up to 50 times



IT8600

ITECH Product Advantages

Advantage 1 : Hundreds of products can provide wide power/voltage/ ampere range to support different requirements .

DC power supply

Series	Output voltage	Max output current									
		5	10	20	30	60	100	120	240		
IT6500	80V–600V	2.6A–5A					30A–240A				
IT6900A	60V–150V		5A–25A								
IT6100	5.2V–60V			9A–60A							
IT6100B	20V–72V	1.2A–5A									
IT6700	60V		5A–8A								
IT6700H	32V–1200V				5A–110A						
IT6860	8V–150V	1.2A–9A									
IT6300	30V–60V(2ch)/5V(1ch)	3A–6A									
IT6800	18V–150V	1.2A–10A									

AC power supply

Series	Apparent power
IT7321	0–300VA
IT7322	0–750VA
IT7324	0–1500VA
IT7326	0–3000VA

DC E-load

Series	Output voltage	Max output current							
		15	30	60	120	480	750A	1000	1500
IT8500	60V–500V		15A–480A						
IT8500+	120V–500V		15A–240A						
IT8800	120V–800V					15A–1500A			
IT8700	80V–500V		20A–120A						
IT8200	60V		30A						
IT8900	500V	15A							

IT8800 series ranging from 150W to 600KW, up to 55KW accept special design.



ITECH Product Advantages

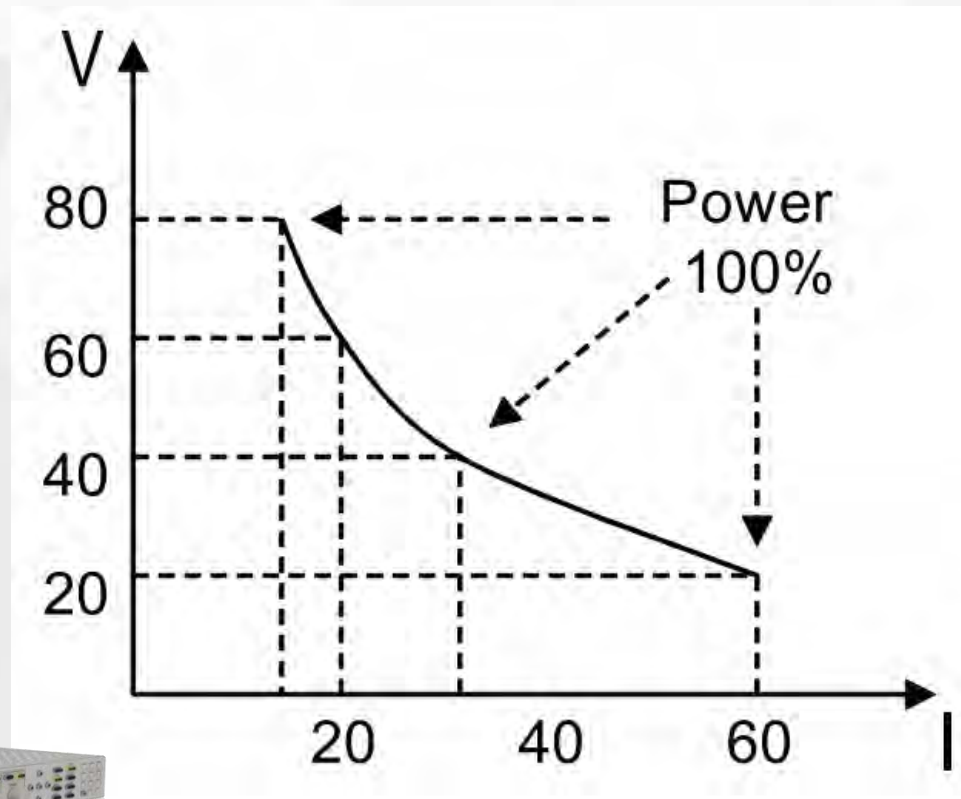
Advantage 2 : ITECH provides many instruments which are different in functions, interfaces, price, etc, Even the same power .

120V/30A/150W E-load

Type	IT8511	IT8511+	IT8811
Grade	Junior		Senior
Accuracy	$\pm (0.05\%+0.025\%)$	$\pm (0.05\%+0.025\%FS)$	
分辨率	1mV/1mA	0.1mV/0.1mA	
OPP/OCP test			√
Dynamic mode	<10KHz	10KHz	25KHz
Communication software	PV8500	IT7000	IT7000
Communication time	200ms	200ms	20ms
Interface			RS232/USB/GPIB

ITECH Product Advantages

Advantage 3 : Most of ITECH products are designed with flexible range, which can provide wider voltage and ampere ranges .



ITECH Product Advantages

Advantage 4 : Strong and reliable products. Fast and professional support.



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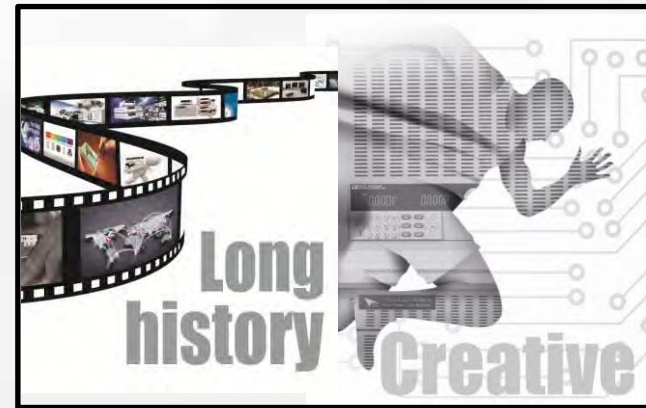
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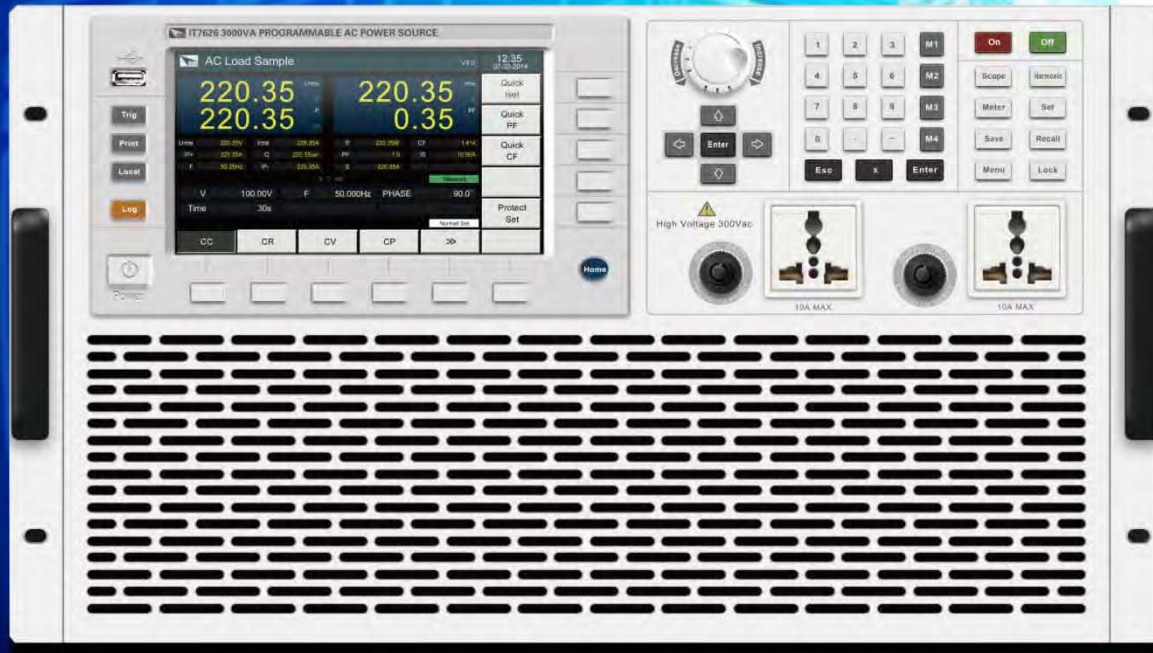
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IT7600 AC+DC power supply series

Single/3-phase output



- 3000-9000VA, 150V/300V, 20A
- 45-5KHz
- AC+DC mode , single/3-phase output
- Provide DC offset current application
- DDS waveform generation function
- Built-in abundant waveform
- Power supply short interruption simulation
- Built-in USB/RS232/GPIB/LAN interfaces

IT7300 High-performance AC power supply series



- Built-in high accuracy AC power meter
- TRIAC Dimmer function
- High current crest factor, support surge current test
- High volume density, 300VA---1/2 2U size

IT6500 Auto flexible range high power DC power supply series



- Strong and reliable
- Adjustable rising/falling slope (1ms-24h)
- High resolution up to 1mV/1mA
- Built-in voltage sequence according to DIN40839



IT6700H High voltage DC power supply series



■ 0~1200V high voltage output

■ OVP/OTP protect

■ Flexible range

■ High resolution and high accuracy

ООО "Техэнком" Контрольно-измерительные приборы и оборудование www.tehencom.com
IT6100B High accuracy DC power supply series



- High resolution and high accuracy up to 0.1mV/0.01mA
- Fast voltage rising slope (< 20ms)

IT8600 Programmable AC electronic load

- IT8615:420V/20A/1800W
- 45-450Hz , oscilloscope function
- Mini size , 1800W is only 3U volume
- Three phase control / parallel connection
- Measure THD(V) parameters up to 50 times
- OTP,OCP,OVP,UVP,OPP protection function
- External USB flash disk interface
- USB/RS232/GPIB/LAN standard interface



IT8800 High speed high accuracy high power electronic load



- 150-600KW/120-800V/15-1100A
(Single unit power up to 600KW)
- Voltage/current measurement speed:
up to 50KHz
- Up to 0.1mV/0.01mA high resolution
- Dynamic mode: Up to 25KHz
- Adjustable current rising slope:
0.0001A/us~2.5A/us
- OCP/OPP test function

IT8700 Multi-channel programmable electronic load



- 8 channels for single mainframe, 16 channels for extension frame
- Dynamic power distribution functions for IT8722 module
- Up to 25KHZ transient mode and 100KHZ list mode

ITS5300 Battery charge & discharge test system

- Hardware extension, it's adapt to meet different test demand
- Multi-channel battery pack testing
- Temperature and internal resistance monitor for independent battery
- Charging function : CV/CC
Discharging function : CC/CW/CR
Pulse charging and discharging function
- Optional discharge ending condition
- Save data under outage condition
- Support battery cycle life testing, capacity testing and temperature testing
- A complete alarm and protection setup



ITS9500 Power supply auto-test system



- Modular design for easy maintenance
- Best cost- effective unit
- Over 40 test items
- Test program management/ editing function
- Statistic report output / editing function
- Multi-level authority setting function

Thanks

Your Best Power Solution

