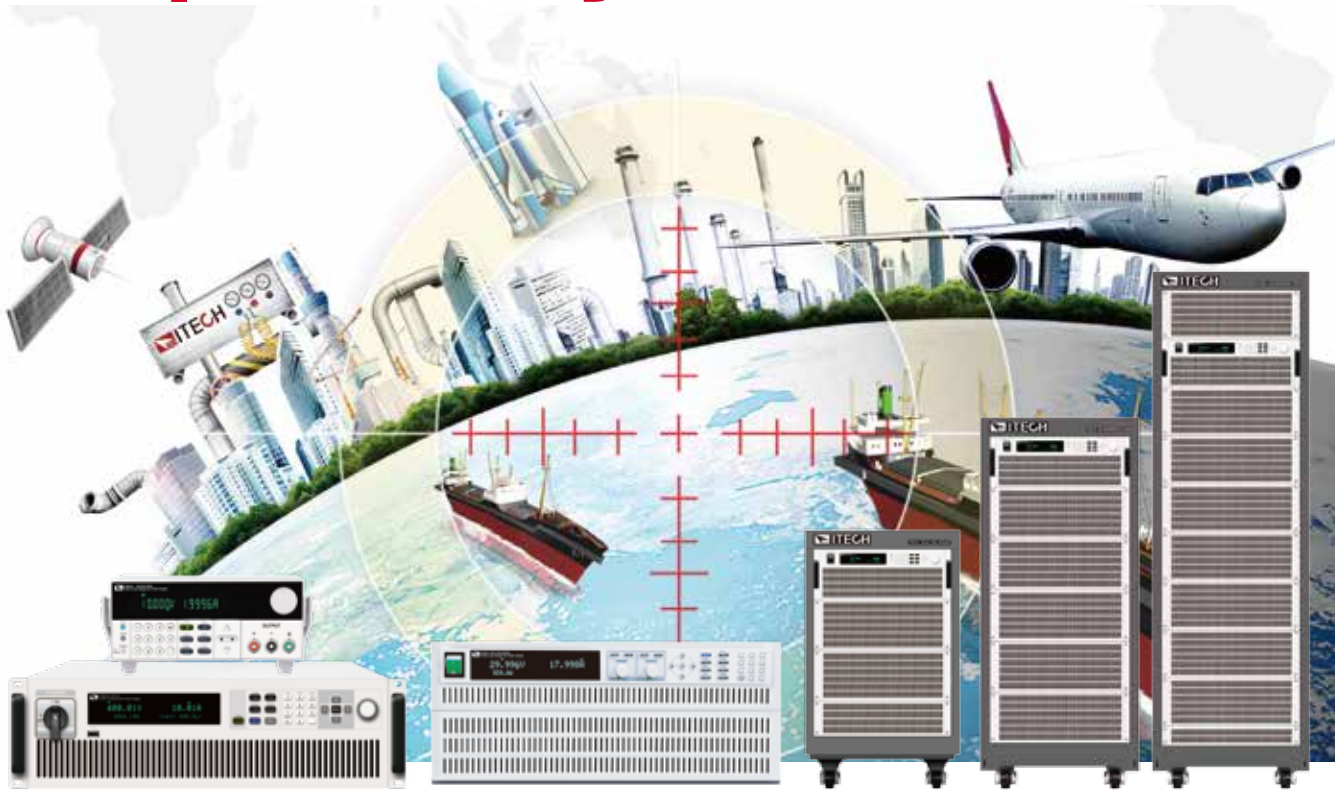


Aerospace/Military Test Solution



Aerospace/Military Test Solution



All electronic equipment installed on commercial and military aircraft, ships, submarines, and space systems are required to meet the specified power immunity standards to ensure safe operation of devices. These standards can be divided into general test standards and manufacturer specific test standards. General test standards such as MIL-STD 704, GJB181/181A are typical government-led standards, RTCA DO160 is promulgated by Federal Aviation Administration, that is institutions closely cooperating with government organizations. Factory-specific aerospace manufacturing standards are based on industry standards with specific variables and reasonable revisions from manufacturer to verify that electronic equipment can effectively accommodate this type of aircraft, such as Airbus ABD0100.8.1 and Boeing 787-B3-0147. That is typical Manufacturer standard. ITECH AC source M7700 series with professional software can effectively carry out related tests.

| Radar AC/DC Power Supply



Recommended testing instruments

- IT6000B Regenerative power system
- IT6000D High Power Programmable DC source
- IT8900A/E High Power DC Load
- IT6000C Bi-directional programmable DC source
- IT6500 Wide Range High Power DC source

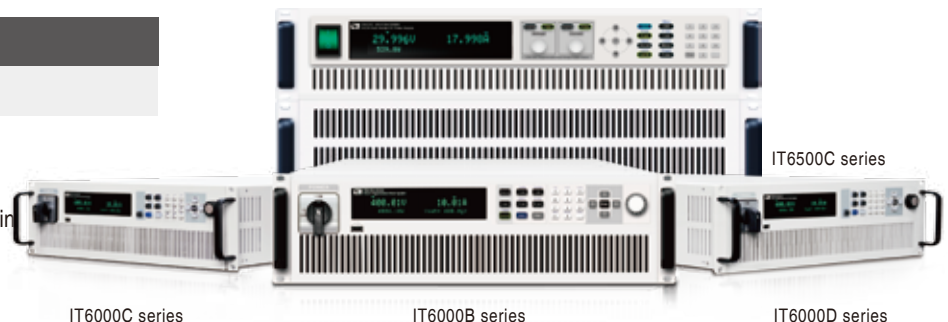


Recommended system

- ITS9500 Power Supply Test System

Test Advantage

- Modular construction, easy to expand and maintain
- Can be used systematically and stand-alone
- High cost-effective



New Energy Vehicle Fuses, Suitable For Testing Of Third-party Testing Organizations (Independent Laboratories)

Test Method

- Cycle life test on fuse by using DC power supply
- Using DC load with current climb rate requirement

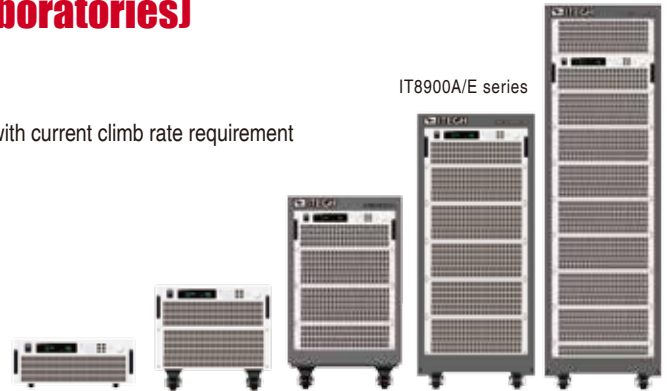


Recommended testing instruments

- IT8900A/E Series High Power Electronic Load
- IT6000D High Power Programmable DC Source

Test Advantage

- The load has an ultra-wide input range, high power density, and small rack space.
- It is very easy to use the LIST function of DC power supply to do cycle life test of the fuse.
- IT9000 software has the functions of recording data, displaying test waveforms, etc.
- High Cost-effective



Satellite Secondary Orbit Test Technology Test

Satellite secondary orbital technology test, power supply for ionizing electrodes, high voltage above 1500V, 180kW, gas combustion will produce 10 times reverse current.



Recommended testing instruments

- IT6000C Bi-directional Programmable DC Source

Test Advantage

- Dual quadrant DC power supply
- High Power, High Voltage, High Current



IT6018C-1500-30 (1500V, 30A, 18kW)

Aeroengine And Gas Turbine Control Systems And Electronic Controllers/control Software,laser Mcu And Other Tests



Recommended testing instruments

- IT6900A/B Series Wide Range Programmable DC Power Supply

Test Advantage

- Wide range voltage/current output
- Long-term stable test
- Customized function, readback value and set value one-key switching
- Fast delivery time to meet high volume demand from customers



IT6922A(60V, 5A, 100W)

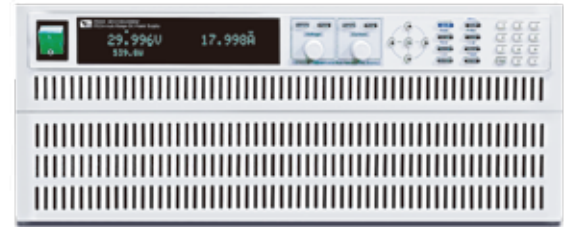


Recommended testing instruments

- IT6500 Series wide range high power programmable DC source

Test Advantage

- Meet customer's small size integration needs, install intelligent fan of low noise
- Wide output range
- High cost-effective
- Fast response and good service



IT6500 series



Recommended testing instruments

- IT6000D High power programmable DC source

Test Advantage

- Meet customers' small size and high power demand
- Short delivery cycle
- Fast response and service
- High cost-effective



IT6000D series



Recommended testing instruments

- IT-M3100 Series DC power supply

Test Advantage

- Ultra-small size, 4U space for 8 channels of output



IT-M3100 series

| Testing Of Military And Civil Avionics, Submarines And Marine Electronic Equipment



Recommended testing instruments

- IT-M7700 Series AC source and professional software



IT-M7700 series

Commercial avionics compliance testing

Commercial avionics testing standards such as DO-160 require extensive AC power immunity testing on avionics. Recently, some commercial aircraft manufacturers have developed their own test standards, mainly based on DO-160. For example, Airbus ABD0100.1.8 (A380), ABD0100.1.8.1 (A350), Airbus AMD24C (A400M) and Boeing B787 (Dreamliner).

Military avionics compliance testing

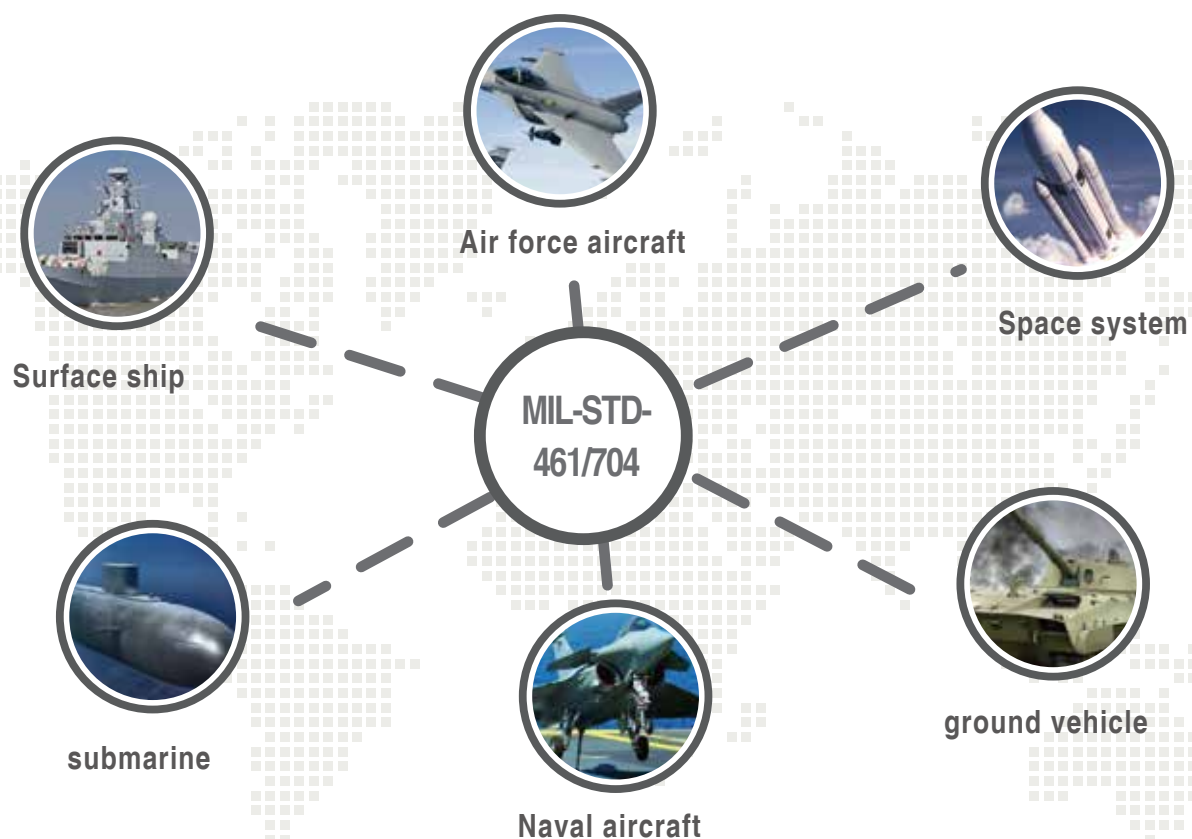
MIL-STD-704 standard (corresponding to national standard GJB 181/181A)

Military aircraft electronics must comply with MIL-STD-704 or Airbus AMD24C standards, these standards are in the same direction as commercial standards. The M7700 AC source can be used for hangar test aircraft, shipboard starter aircraft, and tents that power sensitive electronic equipment.

Avionics specification test standard option (IT-M7700 series with professional software)

Commercial avionics testing standards such as O-160 require extensive AC power immunity testing on avionics. Recently, some commercial aircraft manufacturers have developed their own test standards, mainly based on DO-160. For example, Airbus ABD0100.1.8 (A380), ABD0100.1.8.1 (A350), Airbus AMD24C (A400M) and Boeing B787 (Dreamliner).

Manufacturer/institute	Test Standard	Model	Version	Standards And Description
U.S Department of Defense	MIL-STD-704	Military aviation	A-F	US Department of Defense Aircraft Power Characteristics
US Department of Defense Aircraft Power Characteristics	RTCA/DO160	Commercial aviation	G	Airborne equipment environmental conditions and test procedures
European Airbus	ABD0100.1.8	A380	E	electrical and installation requirements of model A380
	ABD350 /ABD0100.1.8.1	A350	C	Electrical characteristics of AC and DC systems of A350
	Airbus AMD24C	A400M	C	Electrical characteristics of AC and DC systems of A400M
Boeing	Boeing 787B3-0147	787 Dreamliner	C	electrical quality and design requirements of Boeing 787
U.S. Department of Defense	MIL-STD-1399-300B	Military ship and submarine equipment	B	US Department of Defense, Navy, onboard power, communication



SETUP

ELECTRÓNICA

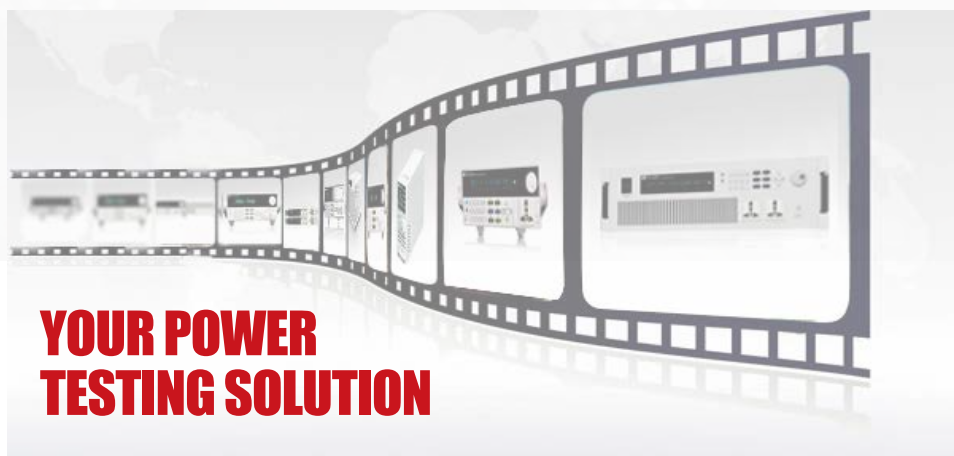
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