

# RJ6815D Potential Equalization Tester



## Product Description

RJ6815D Potential Equalization Tester is a high-performance instrument for potential equalization testing of electrical products. It meets the testing requirements of IEC61851- Conductive Charging System for Electric Vehicles, UL1703- Flat Plate Solar Module Safety Certification Standard, and complies with various national testing standards and corresponding calibration regulations.

Its excellent performance and rich functions and external interfaces make it especially suitable for testing the grounding on-resistance of DC-powered electrical equipment, such as electric vehicles, charging piles, photovoltaic modules, household electrical appliances, electric tools, electric control and distribution equipment, medical electrical equipment, audio and video equipment, and so on.

## Key Features

- DC output, current output up to 50A;
- Four-wire compensation test to compensate for harness and contact resistance;
- Protection function, designed with hardware and software protection measures. When in overload and open circuit and other abnormal state, it will automatically stop the output and send an alarm signal;
- Adopt phase-shift full-bridge soft-switching conversion technology and the output current is stable and reliable;
- Standardly equipped with RS232 communication and PLC remote control ports to realize the automation data acquisition and remote control.

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## Specification

Function			Technical specifications
Output Characteristics	Output current	Range/Resolution/Accuracy	DC 5.0A~50.0A / 0.1A / $\pm(0.5\%rdg.+0.5\%f.s.)$
	Open circuit voltage		DC 10V
	Output Capacity		1500VA
Parameter setting	Resistance limit setting	Range/Resolution	1m $\Omega$ ~600m $\Omega$ / 1m $\Omega$
	Lower resistance limit setting	Range/Resolution	0m $\Omega$ ~600m $\Omega$ / 1m $\Omega$
	Time setting	Range/Resolution	1.0s~999.9s / 0.1s
Parameter Measurement	Current Measurement	Range/Resolution/Accuracy	DC 5.0A~50.0A / 0.1A / $\pm(0.5\%rdg.+0.5\%f.s.)$
	Voltage measurement	Range/Resolution/Accuracy	0.00V~10.00V / 0.01V / $\pm(0.5\%rdg.+0.5\%f.s.)$
	Resistance Measurement	Range/Resolution/Accuracy	1m $\Omega$ ~600m $\Omega$ / 1m $\Omega$ / $\pm(3\%rdg.+2dgt.)$
Other indicators	External Interfaces		Standard: RS232; (Optional: LAN interface, RS485)
	Operating Environment		0°C~40°C,20%RH~70%RH
	Power Supply		AC220V,50/60Hz,600VA
	Weight		17.3kg
	External Dimension		441mm×88mm×630mm(W×H×D), feet height: 15mm
	Attachment		1 instruction manual, 1 power cord (1.5 meters), 1 communication cable (1.5 meters)