



Battery charge-discharge professional evaluation instrument

AT851 battery lifetime meter can be widely used to test battery capacity, li-battery, aging of NI-MH battery, charger, switch power supply and aging of linear power supply. Can meet battery factories' requirements of testing various kinds of batteries and national standard battery lifetime testing function. AT851 has an independent electronic load that provides CC, CV, CP and CP working models. It supports the traditional RS232C interface. SCPI makes computer programming easier.

SPECIFICATIONS	
	AT851 Battery Lifetime Meter
Rated Input	300W, 120V, 30A
CC	0 ~ 3A, Resolution: 0.0001A; Accuracy: 0.05% 0 ~ 30A, Resolution: 0.001A; Accuracy: 0.1%
CV	0 ~ 18V, Resolution 0.001V; Accuracy: 0.05%, 0 ~ 120V, Resolution 0.01V; Accuracy: 0.05%,
CP	0 ~ 100W, Resolution: 0.001W; Accuracy: 1%, > 100W, Resolution: 0.01W; Accuracy: 1%
CR	0.1 ~ 99Ω, Resolution: 0.01Ω ; Accuracy: 1% 100 ~ 4kΩ, Resolution: 0.1Ω ; Accuracy: 1%
Monitoring	Voltmeter accuracy:0.02%; ammeter accuracy: 0.1%; battery charging time: 0 - 1000 hours; battery power check: 0 - 999AH, battery rest time: 0 - 1000 hours; battery cycle times: 1 - 10000 times; speed: 3 times/second, 10 times/times
Short-circuit Test	Current about 30A, the internal resistance of about 40mΩ
Transition	10 files, 0.1Hz ~ 1kHz
List Test	10 documents, 100 steps / file
Test file	10 files, 20 steps / file
Trigger	Internal, BUS trigger, External,
Interface	RS232 and handler interface
Programmable Language	SCPI and simple communication protocol
Protection	Level 5 safety protection
Others	VFD display, 4W remote sensing capability, intelligent cooling
GENERAL FEATURES	
Power Supply	Voltage: 220V AC Frequency: 50Hz Power: 20VA (Max)
Size	216mm (Width)*88mm (Height)*300mm (Depth) 3kg
ORDERING INFORMATION	
Accessory	ATL509 test cable