

HF-BT-417

Lithium Battery Cell Maintenance Tester



Lithium Battery Cell Maintenance Tester monitors voltage and internal resistance of lithium cells. It supports cell balancing and activation, effectively eliminating inconsistency within battery packs to extend service life and ensure safe operation.

Technical specifications

Parameter	Value
Operating Power Supply	AC100~264V / 50Hz
Output Voltage Range	1~5V Continuously Adjustable
Output Current Range	0~30A
Charge & Discharge Mode	Constant Current + Constant Voltage (CC+CV)
Voltage Accuracy	±0.2%FS +5mV @5V; Resolution: 0.001V
Current Accuracy	0.5%FS +10mA @30A; Resolution: 0.01A
Supported Functions	Charge Test, Discharge Test, Internal Resistance Test, Capacity Test
Communication Interface	RS485
Operating Temperature	-10~65°C
Storage Temperature	-40~75°C
Protection Measures	Input Under-voltage / Overvoltage Protection, Battery Reverse Polarity Protection, Output Overcurrent Protection, Equipment Over-temperature Protection
Cooling Method	Air Cooling
Dimensions (mm)	316 150 160
Weight (kg)	3.6

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.