

POREOL-6501EB

RePower 瑞能



Portable EV Battery Pack Analyzer

Application

Portable Battery Pack Inspection and Analysis Equipment enables fast, accurate, and multifunctional detection of battery pack health status, providing a comprehensive solution from problem diagnosis and data analysis to opinion processing. It is mainly applied in the full lifecycle of two/three-wheeled vehicle battery packs, including production, operation management, after-sales maintenance, and recycling.

Test Functionality



Multiple Communication Methods



Undervoltage Battery Activation



Charge/discharge Test



Total Voltage Detection



Voltage and Differential Voltage Detection



Temperature and Temperature Difference Detection



DC Impedance Detection



Manufacturer Information Reading



Casing Insulation Test



MOSFET Function Test



Health Status Reading and Assessment



Power Adjustment

Advantages and Features



Designed specifically for testing battery packs used in two-/three-wheeled vehicles and electric motorcycles.



Compact design and intelligent upgrades greatly simplify the testing process and improve maintenance efficiency.



Collaborate with various battery manufacturers to customize differentiated functions.



Optimize the efficiency of battery pack safety management and screening throughout the entire process.



It can flexibly meet the needs of all scenarios, including production testing, maintenance and inspection, safety inspection and recycling, and secondary utilization.



Battery data is automatically and intelligently collected, analyzed, and processed to ensure data integrity, traceability, and high reliability.

Product Parameters

Insulation resistance	1kV/10GΩ
Charging voltage range	0V~40V;40V~80V
Charging voltage accuracy	±0.05% F.S.
Charging current range	0mA~4000mA
Charging current accuracy	±0.05% F.S.
Discharge voltage range	5V~80V
Discharge voltage accuracy	±0.05% F.S.
Discharge current range	0mA~4000mA
Discharge current accuracy	±0.05% F.S.
Supported communication methods	CAN communication, One-line communication, Rs485...
Remote OTA function	Have
Noise	<60dB
Equipment dimensions (W*D*H)	506*407*727.5 mm
Equipment weight	<35kg

Note: For specific models and parameters, please refer to the corresponding technical specifications.

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