

GGC-60V-500V

60A~400A



RePower 瑞能

Semi-Finished & Finished Power Battery Pack Test System

Application

Applied to performance verification and quality control of finished/semi-finished power battery packs and energy storage modules for power tools, e-bikes, e-motorcycles, EVs, etc.

Test Functionality



Current Calibration



OCP/Charge-Discharge Overcurrent Test



DCIR Test



ACIR Test



BMS Accuracy Test



Insulation Resistance Test



AC/DC Withstanding Voltage Test



Overcurrent Delay Test

Advantages and Features



Soft-start current output to avoid current impact.



Open-circuit voltage limiting design to prevent high voltage output.



Multi-channel simultaneous independent testing for higher efficiency.



Compatible with same-port/separate-port/hardware/software battery pack solutions.



Supports GasGauge data read/write/compare and communication test for various ICs.



Software supports production verification & R&D modes, script editing & secondary development.



Auto battery detection, auto test recording, local storage & MES upload.

Product Parameters

Charging Voltage	Output Voltage	6-60V	20-500V	Accuracy: ±0.05% F.S	Resolution: 1mV	
	Measurement Voltage	0-60V	0-500V			
Discharging Voltage	Measurement Voltage	0-60V	0-500V		Accuracy: ±0.05% F.S	Resolution: 1mA
Charging Current	Output Current	0.1-60A	500A			
	Readback Current	0-60A	500A			
Discharging Current	Output Current	0.1-60A	500A	Accuracy: ±0.05% F.S		Resolution: 1mA
	Readback Current	0-60A	500A			
Communication	CAN FD, CAN Communication, RS485, RS232, One-Wire, I ² C, SMBus, etc.					

Note: Specifications are subject to the corresponding technical datasheet.

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