

Energy Magic Luggage & Solar Generator

- RESS-5000B/5KWh
- RESS-5000C/5KWh



The 1.5KW/5KWh portable/mobile energy storage trolley integrates energy storage batteries and hybrid inverters, which is equivalent to a small mobile power station; as a distributed energy storage power supply, it can be used for emergency charging of new energy vehicles or for various small and medium-sized Electrical equipment provides power. Applied to emergency power supply, outdoor work, electric power repair, mobile auto repair, weak current area power system, monitoring power system.

High-rate, long-life, high-stability, maintenance-free high-quality lithium batteries are used as the main power supply, and various performances are superior to other mainstream brands in the industry.

The built-in intelligent BMS battery management system monitors the status of the battery pack system in an all-round way to ensure the reliable operation of the system with high quality requirements, and is equipped with the industry's excellent high-power intelligent AC coupling machine to work together.

According to the real-time status of the battery pack system, the system controls parameters such as charging and discharging mode, start and stop, output voltage and output current of the AC coupling machine system, and the product operates efficiently and reliably.

PARAMETER

PV Input Parameters	Max. Power	4500W	Max. Voltage	145V
	Max. Current	80A	MPPT Voltage Range	60-115V
	No. of MPPTs/No. of sets that can be connected to each group of MPPTs	1/2		
Grid Output Parameters	Rated Grid Voltage Grid voltage range	110V/220V/230V AC 90-264V AC	Max. Charging Current	60A
	Rated Frequency	50Hz/60Hz		
Emergency Power Output	Rated Voltage	230V AC(110V/220V)	Rated Power	5000W
	Rated Frequency	50/60Hz	Response Time	20ms
Energy Storage Battery Parameters	Battery Type	Lithium Iron Phosphate	Voltage Range	40-58.4V
	Rated Voltage	51.2V	Max. Charge & Discharge Current	100A
	Capacity	100Ah		