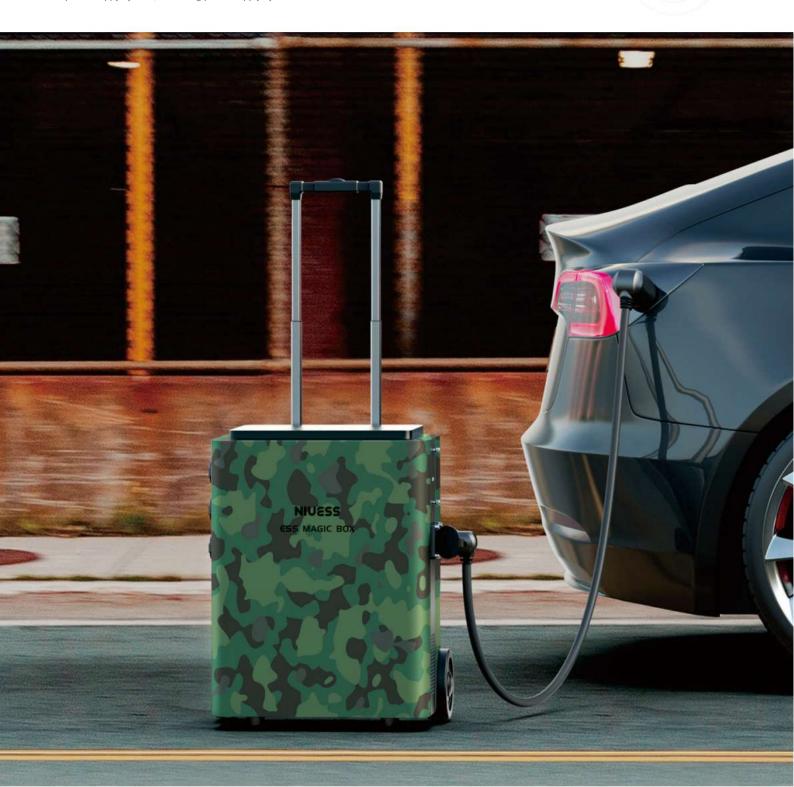
NIUESS

MOBILE ENERGY STORAGE GENERATOR (Travel box payment)

The 5KW/5kwh mobile energy storage trolley integrates energy storage batteries and hybrid inverters, which is equivalent to a smallmobile power station; as a distributed energy storage power source, it can be used for emergency charging of new energy vehices or for varous smalland medium-sized vehicles anytme and anywhere. Electrical equipment provides power Applied to emergency power supply, outdoor work, power emergency repair mobile auto repair, weak current area power supply system, monitoring power supply system.









Use high-rate, long-life, high-stability, maintenance-free high-quality lithium battery as the main body of the power source, various performances are better than other mainstream brands in the industry.

Built-in intelligent BMS battery management system, comprehensive monitoring of the battery pack system To ensure the reliable operation of the system with high quality requirements, and to support the industry's excellent high-power intelligent AC coupling machine to work together;

The system controls the charging and discharging mode, start-stop, output voltage and output voltage of the AC coupling machine system according to the real-time status of the battery pack system. With output current and other parameters, the product runs efficiently and reliably.

PARAMETER

PV DC input side	Max. Power	4500W	Max. Current	80A
	Max. Voltage	145V	MPPT Voltage Range	60-115V
	No. of MPPTs/No. of sets that can be connected to each group of MPPTs			1/2
Grid/Charging Pile Charging Parameters	Max. Charging Current	60A	Rated Frequency	50Hz (45-54Hz) /60Hz (55-65Hz)
	Rated Grid Voltage Grid voltage range	110V/220V/230V AC 90-264V AC		
Emergency Power Output	Rated Power	5000W	Rated Voltage	230V AC(110V/220V)
	Rated Frequency	50/60Hz	Response Time	20ms
Energy storage battery parameters	Battery Type	Lithium Iron Phosphate	Capacity	100Ah
	Rated Voltage	51.2V	Voltage Range	40-58.4V
	Max. Charge and Discharge Power	5000W	Max. Charge & Discharge Current	100A
Other Parameters of the System	Capacity	5KWh	N.W.	70Kg
	Size	485*332*630mm (L*W*H)	Cooling Methods	Air Cooled
	Operating T. (°C)	0°C-55°C	Relative Humidity	5-95%, non-condensing



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USAGE SCENARIO













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