

NIUESS

● RESS-5000B/5KWh

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 small mobile power station; as a distributed energy storage power source, it can be used for emergency charging of new energy vehicles or for various small and medium-sized vehicles anytime 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.



FEATURES



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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