

ES SERIES

Energy Storage Battery Pack

Grandglow®



Technical Specifications

MODEL	Grandglow GS-ES-048100	Grandglow GS-ES-048200	Grandglow GS-ES-048100-C
Cell type	Yiwei/guoxuan/ruipu Lfp Square Cell		
Cell specifications	3.2V100Ah		
Number of battery modules	Supports multiple parallel connections		
Rated capacity	100Ah	200Ah	100Ah
Rated total energy	5.12kWh(single box)	10.24kWh(single box)	5.12kWh
Rated voltage	51.2V		51.2V (optional 48V)
Electrical parameters			
Voltage range	43.2~58.4V		
Standard charging current	0.5C @ continuous		
Maximum charging current	1C @ pulse		
Standard discharge current	0.5C @ continuous		1C @ continuous
Maximum discharge current	1C @ pulse		2C @ pulse
Structural parameters			
weight	40kg (single box)	75kg (single box)	40kg
Size (H * W * D)	490*360*170mm (single box)	720*450*170mm (single box)	482*130*480mm
Protection Grade	IP54		
Cooling method	Natural Cooling		
ambient temperature	Charging: 0 °C~55 °C/Discharge: -20 °C~60 °C/Storage: -10 °C~45 °C		
Operating humidity	5-95%, relative humidity		
Communication method	CAN,RS485, RS232		CAN,RS485
Alarm and protection	have		
Indicator light status	Alarm/Run/SOC		
Installation method	Wall-mounted		Rack-mounted

Note:can be customized according to customer requirements