



RESIDENTIAL LITHIUM BATTERY

GW51.2V100Ah



COMPATIBLE DESIGN
Compatible with 19" racks
and wall mounted



CYCLE STRENGTH
High cycle life lithium battery



SMART DESIGN
Easy and fast installation
& Safety operations



SMART MANAGEMENT
Built-in intelligent BMS



PARAMETERS

Lithium Battery - 5.1kWh	
Nominal Voltage	51.2V
Capacity	100Ah @0.2C,25°C
Energy	5.12kWh @0.2C,25°C
Dimensions (W*D*H)	446*450*150mm
Weight	40.0±0.5kg
Charge Voltage	56.4V
Standard Charge Current	20A @25°C
Max. Continuous Charge Current	100A @25°C
Standard Discharge Current	20A @25°C
Max. Continuous Discharge Current	100A @25°C
Discharge Cut-off Voltage	43.2V
Operating Temperature	Charge: 0~+60°C Discharge: -20~+60°C
Storage Duration	1) ≥6 months @20~30°C (25%~75%SOC) 2) ≥3 months @0~20°C or 30~40°C (25%~75%SOC)
Protection Class	IP20
Cycles	6000 @80% DOD, 25°C 4500 @90% DOD, 25°C

CYCLIC AND DISCHARGE CURVE

