



# SMART HOME BATTERY



## 51.2V Li-ion Battery

Technical Data	48V 100Ah	48V 280Ah
<b>Electrical</b>		
Nominal Voltage/V	51.2V	51.2V
Nominal Capacity/Ah	100Ah@0.2C, 25°C	280Ah@0.2C, 25°C
Energy	5.12kWh	14.336kWh
Dimensions L*W*H (mm)	445*450*133.5mm	800*500*250mm
Weight/kg	45.0±0.5kg	<150kg
Charge Voltage	56.4V	56.4V
Standard Charge Current	20A@25°C	40A@25°C
Max. Continuous Charge Current	100A@25°C	200A@25°C
Standard Discharge Current	20A@25°C	40A@25°C
Max. Continuous Discharge Current	100A@25°C	200A@25°C
Discharge Cut-off Voltage	43.2V	
Operating Temperature	Charge: 0~+45°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	IP65