

B20L SERIES LFP BATTERY MODULES



Easy Installation & Safety Operation



Perfect Compatibility & Expandability



High Performance & Efficiency



Long-life Lithium Battery



Household



Telecom base station



Island cottage



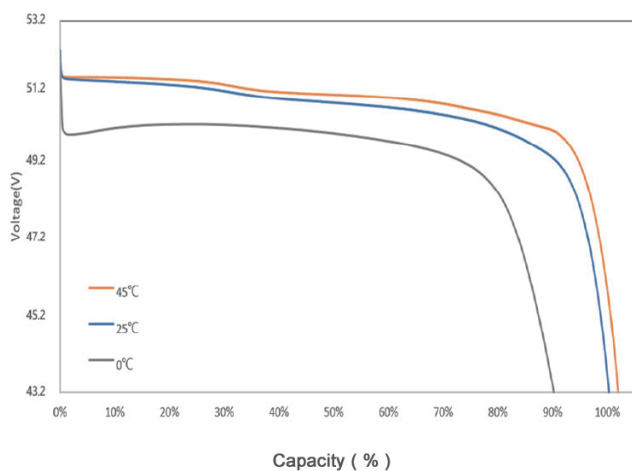
Pasture



Farmhouse

Model	B20L48V100	B20L51V100
Nominal Voltage	48V	51.2V
Capacity	100Ah @0.2C, 25°C	
Energy	4.8kWh @0.2C, 25°C	5.12kWh @0.2C, 25°C
Dimensions (W*D*H)	442*400*130mm	
Weight	39.0±0.5kg	41.0±0.5kg
Charge Voltage	54.0V	57.6V
Rated DC power	2.4kW	2.56kW
Prospective fault current	>100A	
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	40.5V	43.2V
Operating Temperature	Charge: 0~+60°C Discharge: -20~+60°C	
Storage Duration	Charge: 0~+60°C Discharge: -20~+60°C	
Protection Class	IP20	
Cycle Life	≥6000 cycles @80%DOD	

Discharge Curve @0.2C, Different temp



Cycle Times vs. DOD in HESS Scenario at 35°C

