

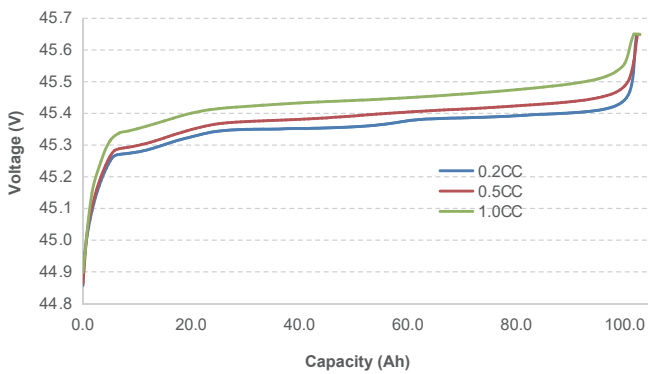
B-LFP48-300PW

51.2V 300Ah

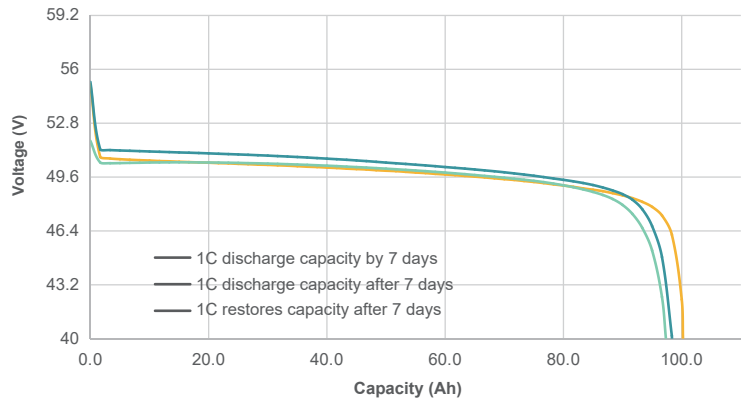
15360Wh

The B-LFP48-300PW is a 51.2 volt, 15,36 kWh wall-mounted home battery for solar energy storage systems using the safest lithium ion chemical, lithium iron phosphate (LiFePo4), a flexible, scalable (up to 32 batteries can be used simultaneously to provide additional energy storage capacity) lithium battery storage solution designed for home solar power systems.

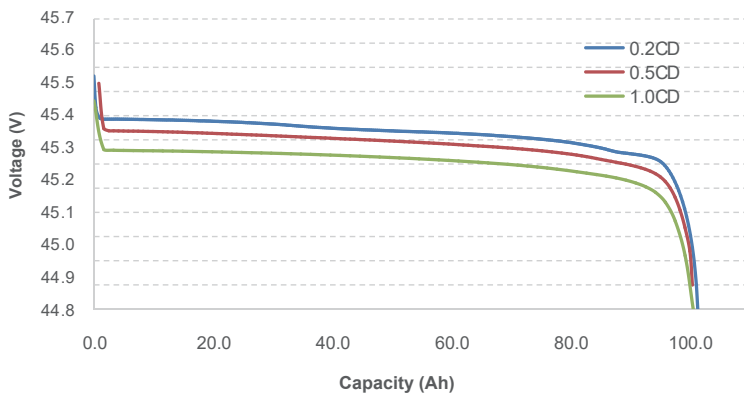
Charging Curves At Different Ratio



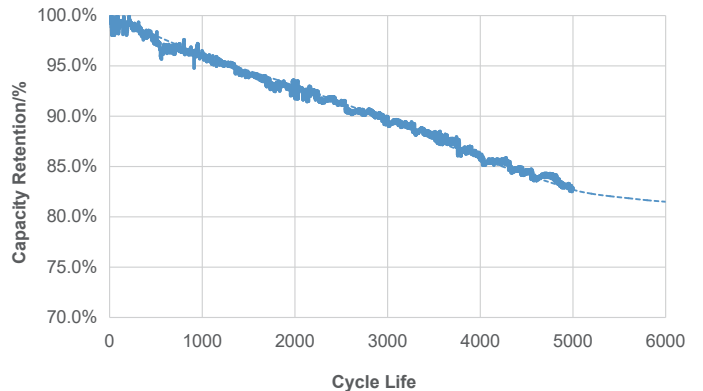
60°C 7 days



Discharge Curves For Different Ratio



Cycle Performance(0.5CC/1CD)



Technical Specifications

Specification

Item	General Parameter
Model	B-LFP48-300PW
Nominal Voltage	51.2V
Nominal Capacity	300
Cell Model(LFP-3.2V)	100Ah
Pack Configuration	16S3P
Rate Power(Wh)	15360
Charging Voltage	58.4V
Float charge Voltage	55V
Discharge Cut-off	40V
Charging Current	160A
Max Discharging	200A
Charge Over Current	210A
Discharge Over Current	215A
Pack Weight	130kg
Communication Protocol	CAN (500 Kb/s)/RS485 (9600 b/s)
Host Software	RS232
Operation Temperature Range	Charge:0~55°C Discharge: -20~60°C
Storage Temperature	0°C~25°C
Battery Dimension(W*H*D)	950*600*190 MM
Battery Life	≥15 years
Warranty	10 years
Cycle	≥6000, @80% DOD (0.5C, 25°C)

Certification

Safety	CE/UN38.3
Hazardous Materials Classification	Class 9
Transportation	UN38.3
Protection Level	IP22/ IP54 (optional)



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