

48V 105Ah

High Performance



[Product Link](#)

Battery Parameters

Chemistry	Configuration	Voltage	Capacity
LifePO4	16 Series	48V	105Ah (5,370 Watts)

Battery Performance

Voltage Range	Charge Voltage	Max Discharge Rate	Max Charge Rate
40.0 – 58.4 Volts	58.4 Volts	160 Amps	50 Amps
Warning. Do not overcharge the battery.	Cell Configuration	Temp Discharge Range	Temp Charge Range
	16 Series	-30C – 55C	0C - 55C

Battery Dimensions

Model	Length	Width	Height	Weight
STANDARD	522mm (20.5")	240mm (9.4")	218mm (8.6")	35.3Kg (77.8lbs)

Q&A

Connecting the battery in Series or Parallel?

You can connect this battery in Parallel with others of the same chemistry, make sure the voltage is within 1 Volt upon connection to prevent large energy transfers between batteries.

Do not connect this battery in Series with others.

What is the life of the battery?

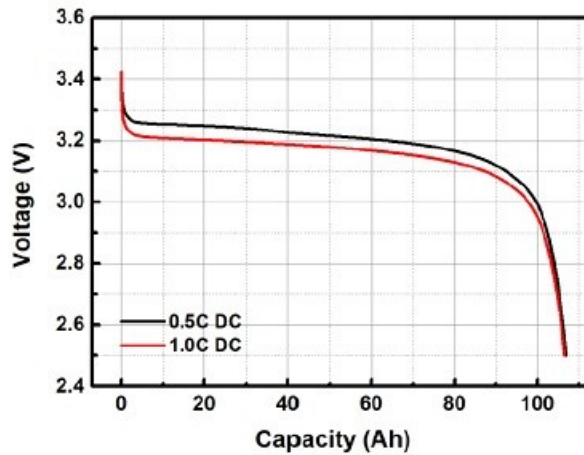
This battery will degrade to 80% capacity after 3,500 cycles. Total lifespan is expected upto 15 year range, depending on a number of factors.

Is there a warranty?

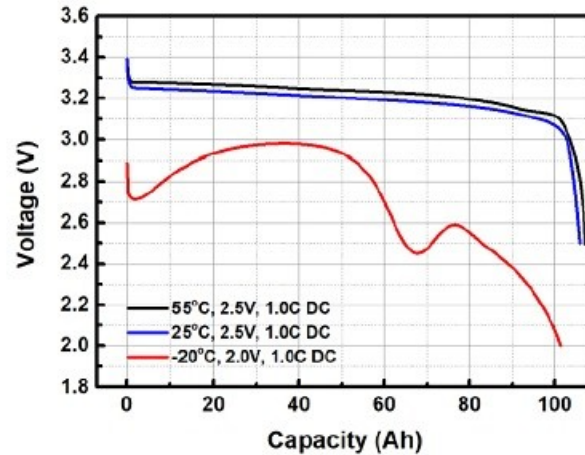
Yes, we offer a comprehensive 5 year warranty on all batteries. Detailed information is provided on our website.

Electrical Performance Diagram

1、Rate discharge curve at 25°C



2、Discharge curves at different



3、Cycle curve (charge/discharge:1C/1C, 3.65V-2.5V)

