

12V 460Ah



Battery Parameters

Chemistry	Configuration	Voltage	Capacity
LifePO4	4 Series	12V	460Ah (5,890 Watts)

Battery Performance

Voltage Range	Charge Voltage	Max Discharge Rate	Max Charge Rate
10.0 – 14.6 Volts	14.6 Volts	150 Amps	150 Amps
Warning. Do not overcharge the battery.	Cell Configuration	Temp Discharge Range	Temp Charge Range
	4 Series, 2 Parallel	-30C – 55C	0C - 55C

Battery Dimensions

Model	Length	Width	Height	Weight
STANDARD	522mm (20.5")	240mm (9.4")	218mm (8.6")	36.1Kg (79.6lbs)

Q&A

Connecting the battery in Series or Parallel?

This battery can be connected both in [Series](#) and in [Parallel](#).

Up to 4 batteries can be connected in [Series](#) to create a 48 Volt system.

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?

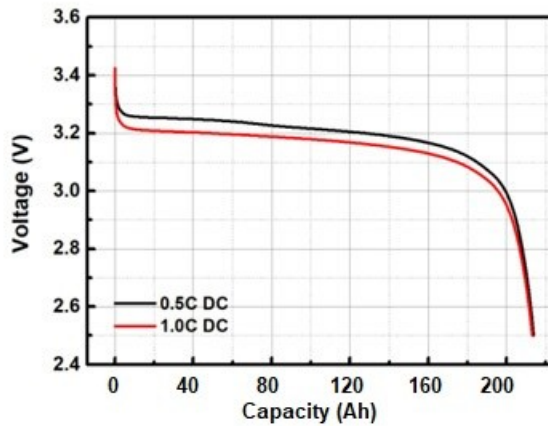
This battery will degrade to 80% capacity after 3,500 cycles. Total lifespan is expected upto 15 year range, depending on a number of factors.

Is there a warranty?

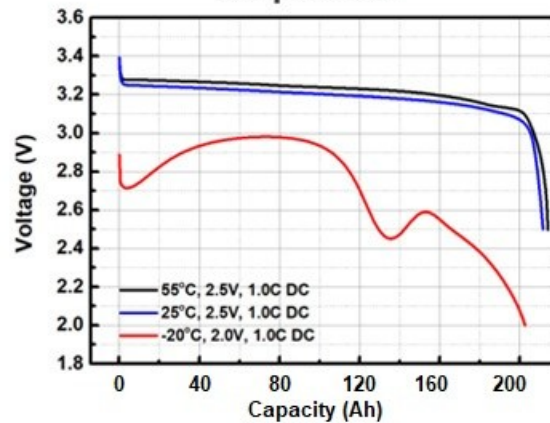
Yes, we offer a comprehensive 5 year warranty on all batteries. Detailed information is provided on our website.

Electrical Performance Diagram

1、Rate discharge curve at 25°C



2、Discharge curves at different temperature



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

