

# Eclipse LiFePo Battery

Product Model	12V-100Ah
Product Description	LiFePo4 Battery
Specification NO	E-12-100
Date	1/16/20

Basic Specifications		
Part Number	B-E-12-100	
Single Cell Voltage	3.2V	
LxWxH	13" x 6.8" x 8.5"	
Nominal Voltage	12V	
Nominal Capacity	100Ah	
Internal Resistance	≤220mΩ	
End of Charge Voltage	14.6V	
End of Charge Current	100mA	
End of Discharge Voltage	9.2V	
Maximum Continuous Charge Current	50A	
Nominal Discharge Current	100A(safe)	
Max. Pulse Discharge Current	150A/10S	
Weight	≤25lbs	
Operating Temperature	Charge	32 ~ 113°F
	Discharge	14 ~ 131°F
Storage Temperature (60-80% State of Charge)	14 ~ 113°F	
Capacity @ 1C, Rate 0.2C	≥100Ah	
Cycle Life	2000 cycles @ 80% DOD, 80% remaining. Up to 7000 cycles @ 50% DOD, 80% remaining.	
Warranty: 7 years. 3 years full, additional 4 years pro-rated.		



Data in this document is subject to change without notice.