

Eclipse LiFePo Battery

Product Model	12V -400Ah	
Product Description	LiFePo4 Battery	
Specification NO	E-12-400, v3	
Date	11/03/21	
1. Basic Specifications		
Model	12V 400Ah	
Single cell voltage	3.2V	
Tall x Wide x Deep. Inches	14.8 x 21.7 x 7.5	
Nominal Voltage	12V	
Nominal Capacity	400Ah	
Internal Resistance	≤220mΩ	
End of charge Voltage	14.6V	
End of charge Current	100mA	
End of discharge Voltage	9.2V	
Charge Method	0.2C (0.5A) CC/CV	
Maximum Continuous Charge Current	100A	
Nominal Discharge Current	200A(safe)	
Max. Pulse Discharge Current	300A/10S	
Weight	≤44Kg	
Operating Temp.	Charge	0~45°C
	Discharge	-10~55°C
Storage Temp. (60-80% SOC Storage)	-10~45°C	
Capacity@1C rate 0.2C	≥400Ah	
Cycle Life	2000 cycles, 80% DOD. 80% remaining. Up to 7000 cycles with 50% DOD, 80% remaining.	
Warranty: 7 years. 3 full, additional 4 years pro-rated		



Information in this document is subject to change without notice.