



# Eclipse LiFePO Battery

Product Model	48V -100Ah	
Product Description	LiFePo4 Battery Pack	
Specification NO	E-48-100, v3	
Date:	11/03/21	
Basic Specifications		
Model	48V 100Ah	
Single cell voltage	3.2V	
Tall x Wide x Deep , Inches	18.7 x 20.9 x 6.9	
Nominal Voltage	48V	
Nominal Capacity	100Ah	
Internal Resistance	≤220mΩ	
End of charge Voltage	54.6	
End of charge Current	100mA	
End of discharge Voltage	36V	
Charge Method	0.2C (0.5A) CC/CV	
Maximum Continuous Charge Current	50A	
Nominal Discharge Current	100A(safe)	
Max. Pulse Discharge Current	200A/10S	
Weight	≤40Kg	
Operating Temperature	Charge	0~45℃
	Discharge	-10~55℃
Storage Temperature (60-80% SOC Storage)	-10~45℃	
Capacity@1C rate 0.2C	≥100Ah	
Cycle Life	2000 cycles, 80% DOD. 80% remaining. Up to 7000 cycles with 50% DOD, 80% remaining.	
Warranty 7 years, 3 years full, additional 4 years pro-rated		

48V100Ah 15S1P LiFePO4 Battery



460mm (530mm) 175mm 420mm (475mm)



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