

W48 Series Floor-Standing Lithium-Ion Battery



Lithium iron phosphate battery, safer



Supports parallel expansion



Plug and play



3000 cycles



W48 Series Product Introduction

MODEL	W48-200L	W48-314L
Rated Voltage	51.2Vdc	51.2Vdc
Rated Capacity	200Ah	314Ah
Rated Energy	10240Wh	16076Wh
Cell Type	LiFePO4	LiFePO4
Cell Quantity	3.2V 206Ah 16PCS	3.2V 314Ah 16PCS
Cell Configuration	16S1P	16S1P
Over - charge Protection Voltage	58.4Vdc	58.4Vdc
Over - discharge Protection Voltage	44.8Vdc	44.8Vdc
Rated Charge Current@RT	100A	100A
Max Charge Current@RT	100A	150A
Over Charge Protection Release	Discharge/Voltage recovery	Discharge/Voltage recovery
Operating Temp Range	0 - 60°C	0 - 60°C
Output Voltage Range	44.8 - 58.4Vdc	44.8 - 58.4Vdc
Rated Discharge Current@RT	100A	100A
Max Discharge Current@RT	200A	200A
Over Discharge Protection Release	Charging/Voltage recovery	Charging/Voltage recovery
IP Grade	IP20	IP20
PARAMETERS		
Over - charge protection	3700mV@1s	
Over - charge protection release	3380mV	
Over - charge release method	Cell 3380mV or Discharge	
Over - discharge protection	2800mV@5s	
Over - discharge protection release	2700mV	
Over - discharge release method	Cell 2950mV or Charging	
Over current protection (CHG)	110A@1s/210A@3s	
Over current protection (DISCHG)	150A@20ms/210A@3ms	
Over current release method (CHG)	Remove the charger	
Over current release method (DISCHG)	Cut off loads	
Over temperature	Protection@70°C / Protection Release@50°C	
Over temperature	Protection@85°C / Protection Release@64°C	
PACKING		
Dimension(unit) LWH(mm)	575*350*675	475*350*907
Shipping LWH(mm)	610*395*720	505*380*937
Weight (N.W.)	100kgs	150kgs
Weight (G.W.)	103kgs	155kgs