



PRM SOLAR PT48300 Lithium Battery

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Datasheet	PT48300
Battery Data	
Nominal Voltage	51.2V
Nominal Capacity	300Ah
Operating Voltage	43.2 - 58.4V (Recommended: 51.2V)
Charging Voltage	56 - 58.4V (Recommended: 58.4V)
Charging Current Limiting	10A (Current limiting is triggered when default charging current exceeds 55A)
Standard Charging Current	60A
Maximum Continuous Charging Current	100A
Standard Discharge Current	60A (0.2C)
Maximum Continuous Discharge Current	100A
General Data	
Dimensions WxDxH	500x360x740mm
Weight	Approximately 133kg
Charging Temperature Range	0 ~ 50°C
Discharge Temperature Range	-20 ~ 60°C
Working Environment	Humidity :≤95; Altitude :≤4000
Features	
Depth of Discharge	80%
Combination Mode	16 Series
Communication Interface	RS232, RS485, CAN
Cycle Life	≥ 4000 Cycles