



PRM SOLAR PR48260 Lithium Battery

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Datasheet	PR48260
Battery Data	
Nominal Voltage	48V
Nominal Capacity	260Ah
Operating Voltage	48V
Charging Voltage	54V
Standard Charging Process	0.2C (CC) charge to 54.7V, reduces to 0.02C(A) charge rate once 54.7V (Charge Voltage) is reached
Internal Impedance	< 15 ohms
Standard Discharge Method	Cells should be discharged at a constant current of 0.2C to 42V at 20°C ±5°C
Standard Charging Current	60A
Maximum Continuous Charging Current	100A
Standard Discharge Current	60A (0.2C)
Maximum Continuous Discharge Current	100A
General Data	
Dimensions WxDxH	440x491x270mm
Weight	Approximately 125kg
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	15 Series
Communication Interface	RS232, RS485, CAN
Cycle Life	≥ 6000 Cycles