

6 Specification Parameters

Model	POW-M60-ULTRA
Solar Input Parameters	
Maximum Input Power:	
For 12V System	720W
For 24V System	1440W
For 36V System	2100W
For 48V System	2800W
Input Voltage Range:	
For 12V System	20V~80V
For 24V System	37V~105V
For 36V System	50V~160V
For 48V System	72V~160V
Battery Charging Parameters	
Charging Technology	MPPT
Charging Algorithm	3 stages
Battery Voltage Range	9~60V
Rated Charging Current	60A
Maximum Efficiency	≥98. 1%
Solar Utilization Rate	≥99%
Self-consumption	0.7W-1.2W
Load Terminal Output	
Rated Output Current	25A
Max. Capacitive Load Capacity	10000μF
Environmental Parameters	
Operating Temperature Range	-35℃~+45℃
Humidity Range	≤95%, non-condensing
Altitude	<3000m