

MPPT CHARGE CONTROLLER

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TECHNICAL SPECIFICATIONS

Charge Current	30A	60A	80A
Nominal System Voltage (Auto)	12 / 24V	12 / 24 / 48V	12 / 24 / 48V
Maximum Solar Input	100V	145V	145V
Maximum Input Power	900W	3700w	5000W

BATTERY

Absorption Voltage	12.5VDC / 25.0VDC
Refloat Voltage	13.7VDC / 27.4VDC
Charging Stages	Bulk, Absorption, Float

BATTERY CHARGING MODEL

Battery Defect Voltage	10.0V / 17.0V / 35.0V	Ambient Temperature Range	-10°C to 55°C
Over Charging Voltage	15.5V / 30.0V / 60.0V	Storage Temperature	-40° to 75°C
Temperature Compensation Range	0°C to 50°C		

PROTECTION

Solar High Voltage Disconnect	Battery High Voltage Disconnect	High Temperature Disconnect
Solar High Voltage Reconnects	Battery High Voltage Reconnect	High Temperature Reconnect