

Technical Specification



Modal No.	OD - MPPT-12/24-75/25
Technology	MPPT
Product Series	OD-MPPT-SCC
Battery Operating Mode	12V/ 24V
SPV (Pmax)	400W (12V Battery)/ 800W (24V Battery)
Solar input voltage (Voc max)	75Voc (Open Circuit Voltage)
Charging Method	MCCV Mode
Battery Type	Lead- Acid (Tubular/SMF)
Self-Power Consumption	<2W
Max Charging Current	25A
Display	16x2 Character Display
Parameters Displayed on LCD	PV Voltage (Vsol), PV Current (Isol), PV Power (Sol PWR), Battery Voltage (Vbat), Charging Current (Ichg)
Indications	Solar Reverse Led, Battery Reverse/Fuse Blown Indication LED
Solar Reverse Current Protection	Yes
Battery Reverse Protection	Yes
Fuse Protection	Yes (Externally Accessible)
Spare Fuse Provided	Yes
Switching Element	MOSFET
Efficiency	Up to 95%
Cooling	Fan (Forced Air Cooling) with adaptive Controlling for Longer Life.
Connection	Bakelite Screw Terminal
Enclosure Type	MS (Ivory Color)
Mounting Type	Retrofit Wall Mounted
Feature	Highly Recommended to Charge a 12V battery from 24V type Solar Panels or higher rating Solar Panels with Open Circuit Voltage Range up to 75V.

Note: - For better result complete Solar panel Setup should be greater than 100W and Battery Capacity greater than 30Ah.

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