

Olympus Power Pvt.Ltd.

Technical Features

SCC48-40A-MPPT



Type	MPPT SOLAR CHARGE CONTROLLER
Model	SCC48-40A-MPPT
<u>OUTPUT</u>	
Nominal Battery Voltage	48V
Output Current Rating	40A
No of Battery	4
Max. PV Open Circuit Array Voltage	88VDC
Charge Algorithm	3-stage Bulk / Acceptance / Float Plus Equalize
Acceptance Voltage (VDC)	57.6
Float Voltage (VDC)	52.8
Equalization Voltage (VDC)	60.8
Lead Acid Battery Setting	Adjustable
NiCad Battery Setting	Adjustable
Load Control Mode	Adjustable
Temperature Compensation	Optional sensor adjusts charge voltage based on measured -5.00 mV/°C/cell correction factor sensor range -10 to +80°C
Communication	RS485
Key Features and Benefits	Extremely High Reliability
	High Efficiency
	Metering and Data Logging
<u>GENERAL</u>	
LCD Display	Backlit, Alphanumeric Display showing battery voltage, DC amperage, Cumulative KWH hours
Cooling Method	Forced air cooled
Protection	Short Circuit , Battery High Voltage, Battery Low Voltage, Lighting & Transient Surges and Reverse Current at Night
Mounting	Vertical wall mount as well as ground
Equalization	Automatic Equalization - every 30 days
<u>DIMENSION</u>	
Cabinet Dimension (H x W x L)mm	165 X 355 X 450
Cabinet Weight (kg)	6
Shipping Dimensions (H x W x L)mm	170 X 365 X 460
Shipping Weight (kg)	7
Housing Material	Powder coated / painted MS
<u>ENVIRONMENTAL</u>	
Operating Temperature Range	0°C to 50°C
Relative Humidity	95% (non-condensing)
Degree of Protection	IP 20
<u>CERTIFICATIONS</u>	
Quality Certifications	ISO 9001:2008
<u>WARRANTY</u>	
Product Warranty Period	1 - year limited warranty

We are committed to continuous development of our products, the specification are subject to change without notice.