



MPPT SOLAR REGULATOR —40A / 50A / 60A GENERAL MODELS

Off grid system & Energy Storage System



Mobilehouse Solar



Off Grid Solar

- Battery voltage - 12/24/48V available
- Perform - >98% efficiency
- Charge Method: MPPT
- BTS included

MPPT technology is the best option currently for the solar power transfer from PV modules to your batteries. Especially in the cloudy day, this smart solar charger will regulate the output voltage and charge current to optimize the charge power at its top level.

CMPD SERIES MAIN FEATURES

Battery Type

This MPPT units provides the availability of set the charge voltage by users. Therefore no matter AGM, Gel, Open Lead acid are all workable with this MPPT solar chargers.

Display & Communication

With the LCD display, users are able to read all the parameters when it works. RS485 communication is available for offer communication protocol to convenient user's integrated management and secondary development.

MODELS	CMP20-DL	CMP30-DL	CMP40-DL	CMP50-DL	CMP60-DL
SPECIFICATION					
System Voltage	12V, 24V or 48V Auto work				
MAX. PV input Volt	150VDC				
MAX. PV input powe	12V -- 260 watts	12V -- 390 watts	12V -- 520 watts	12V -- 650 watts	12V -- 780 watts
	24V -- 520 watts	24V -- 780 watts	24V -- 1040 watts	24V -- 1300 watts	24V -- 1560 watts
	48V -- 1040 watt	48V -- 1560 watt	48V -- 2080 watt	48V -- 2600 watt	48V -- 3120 watt
MAX. Charge Current	20A	30A	40A	50A	60A
Charge Method	Three stage charge				
Low PV Voltage Protection	Battery voltage+3V				
Over PV Voltage Protection	150VDC				
DC Load Voltage	Same with battery voltage				
MAX. DC Load Current	40Amp	40Amp	40Amp	60Amp	60Amp
ENVIRONMENT					
Operating / Storage Temp.	-20°C to +50°C / - 40°C to +70°C				
GENERAL INFORMATION					
Communication	RJ45 / RS485 / PC monitor/Wifi & APP				
Weight	2.3 Kg	2.3 Kg	2.5 Kg	2.5 Kg	2.8 Kg
Warranty	36 months				
IP Level	IP21				
Coolling	Cooling Fan				
Dimension(LxWxH)	24.0x 16.8x 6.6 cm	24.0x 16.8x 6.6 cm	24.0x 16.8x 6.6 cm	27.0x 18.0x 8.5 cm	27.0x 18.0x 8.5 cm
Battery Type	Li FePO4 , AGM , GEL or Customized				