



MPPT SOLAR REGULATOR —80A / 100A HIGH POWER 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

80A / 100A Charge Current

COSUPER CMP80-CL & CMP100-CL has MAX. 80A & 100Amp DC charge current even in cloudy day. This is specifically designed for mass battery pack to get a rapid charge with better efficiency.

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.

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.

MODELS	CMPD-80CL	CMPD-100CL	CMPD-50DL-Pro Model
SPECIFICATION			
System Voltage	12V, 24V or 48V Auto work	12V, 24V or 48V Auto work	96V
MAX. PV input Volt	150VDC	150VDC	300VDC
MAX. PV input power	12V -- 1040 watts	12V -- 1300 watts	96V -- 5200 watt
	24V -- 2080 watts	24V -- 2600 watts	
	48V -- 4160 watt	48V -- 5200 watt	
MAX. Charge Current	80A	100A	50A
Charge Method	Three stage charge	Three stage charge	Three stage charge
Low PV Voltage Protection	Battery voltage+3V	Battery voltage+3V	Battery voltage+5V
Over PV Voltage Protection	150VDC	150VDC	300VDC
DC Load Voltage	Same with battery voltage	Same with battery voltage	Same with battery voltage
MAX. DC Load Current	80Amp	100Amp	50Amp
ENVIRONMENT			
Operating / Storage Temperature	-20°C to +50°C / - 40°C to +70°C		
GENERAL INFORMATION			
Communication	RJ45 / RS485 / PC monitor/Wifi & APP		
Weight	7.5 Kg	8.2 Kg	8.8 Kg
Warranty	36 months	36 months	36 months
IP Level	IP43	IP43	IP43
Cooling	Natural cooling with external heat sink		
Dimension(LxWxH)	42.0x 28x 9.5 cm	42.0x 28x 9.5 cm	42.0x 28x 9.5 cm
Battery Type	Li FePO4 , AGM , GEL or Customized		