

MPPT Solar Charge Controller **DC96V MPPT** 80A-100A



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1. MPPT efficiency $\geq 99.5\%$ (at 98% load)
2. 3-year warranty
3. Compatible with monocrystalline / polycrystalline PV or PV+
4. 80A-100A
5. Compatible with 3 types of battery: SEAL, gel, flooded. FCAN
6. Compatible with PV
7. -
8. LCD display
9. RS485
10. PC/WiFi
11. CE, ROHS, FCC
12. 2-year warranty, 2x10

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MPPT Solar Charge Controller		96bh-50a
Parameters	MPPT efficiency	MPPT efficiency $\geq 99.5\%$
	Power loss	0.5W/1.2W
	Rated voltage	96V
	Rated current	80A
Limits	max. pv voltage (VOC)	DC300V
	Charge voltage	Charge voltage + 10V
	Float voltage	Float voltage + 5V
	Discharge voltage	DC300V
	System voltage	12V

MPPT Solar MonitorV1.0

IPANDEE

MPPT Model: Explorer-M2460 Firmware: V2.6 Serial: 9246111120220419 Message: Click [START EDIT] to modify parameters!

Com Port: COM1

BaudRate: 9600

Address: 1

Opened

Running State

Standby

Real-time Data

PV Volt: 0.1V
 BAT Volt: 14.2V
 Load Volt: 14.1V
 CHG Curr: 0.0A
 Load Curr: 0.4A
 CHG Power: 0W
 Load Power: 5W
 Inner Temp: 27.0°C
 BAT Temp: 25.0°C
 Alarm Tip: PV Low

Electricity Statistics

Day CHG: 0.0kWh
 Month CHG: 0.0kWh
 Total CHG: 0.0kWh
 Day Used: 0.5kWh
 Month Used: 0.5kWh
 Total Used: 0.5kWh

Bat Parameters Of Controller

Bat Category: FLD System Volt: (Auto)12V
 C.V. Charge: 14.6V Float Charge: 13.8V
 Equalizing V: 14.8V Equalizing T: 30min
 Max Chg Curr: 60.0A Max Load Curr: 30.0A
 Battery Over: 15.0V Over Recover: 14.8V
 Battery Low: 10.5V Low Recover: 11.0V

Bat Parameters Set

Select Battery

BatType: FLD Sys. Volt: Auto

Max CHG -I: 60.0 A
 Max Load-I: 30.0 A

Load Output Parameters Of Controller

Load Control Mode: On Mode

Note: If Vbat exceeds the protection, will turn off!

Load Output Set

Light Mode

On Load->PV Low: 14.0 V Off Delay: 10 min
 OffLoad->PV OK: 14.0 V Off Delay: 10 min

Dual Timer Mode

Timer1->On Time: 1: 30 Off Time: 1: 00
 Timer2->On Time: 1: 00 Off Time: 1: 00

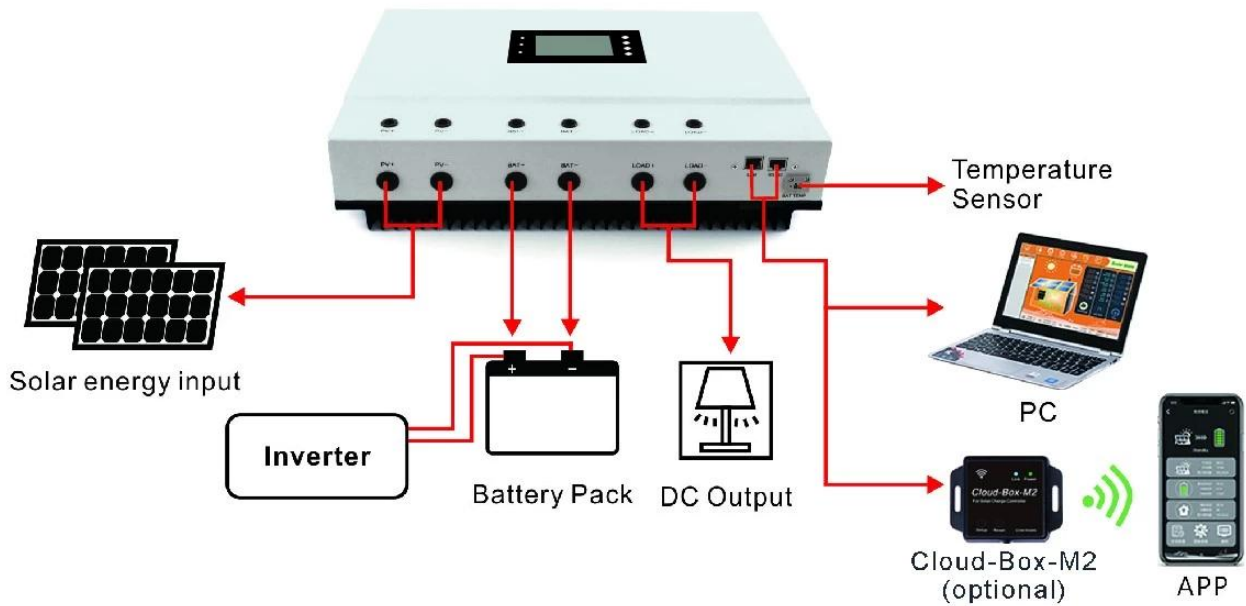
Light-Time Mode

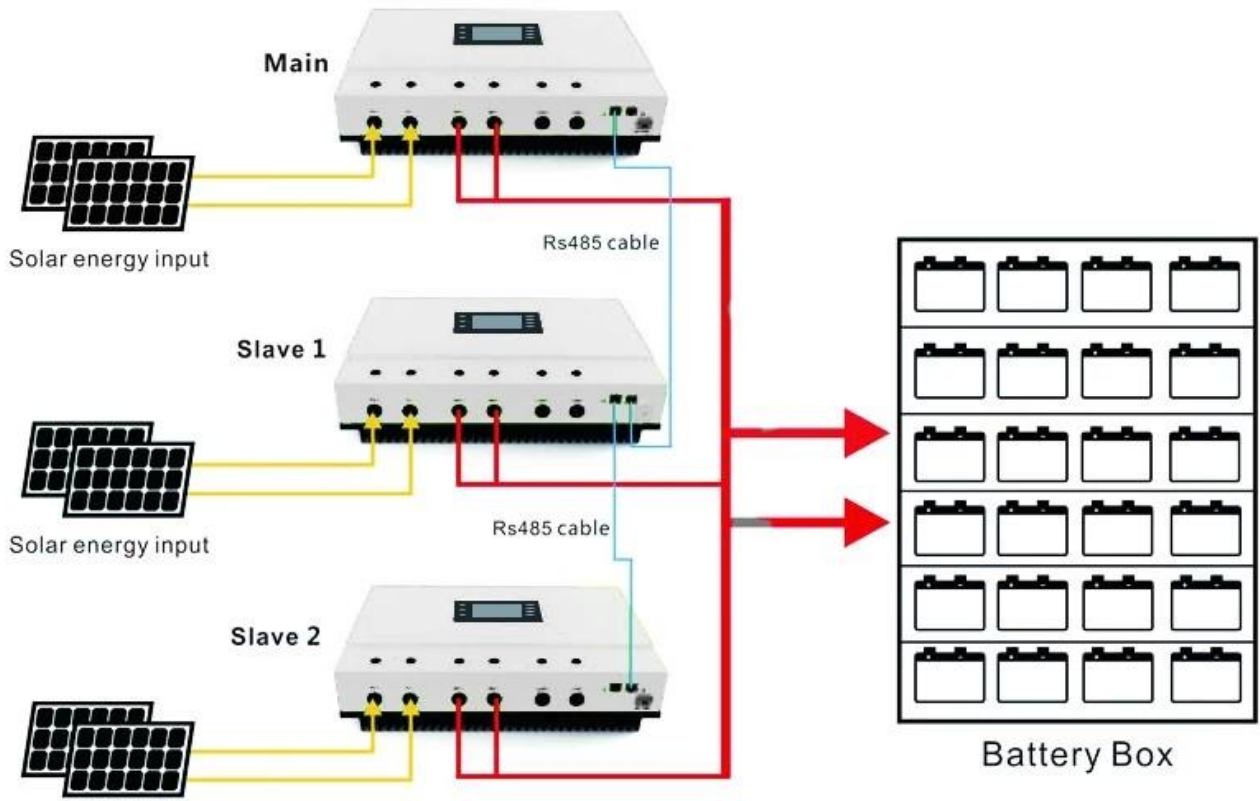
Dark->On Load->PvLow: 14.0 V On Hour: 12 H
 Dawn->OffLoad->Pv Ok: 14.0 V On Hour: 0 H

Load Mode Selection:

On Mode

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