

MPPT 48V 100A



MASTER 80A-100A
 12V/24V/36V/48V
 Brandnew Series of I-Panda
 MPPT Solar Charge Controller

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1. MPPT efficiency $\geq 99.5\%$
2. 3-year warranty
3. PV protection: overvoltage, reverse polarity, short circuit
4. Load protection: overcurrent, overtemperature
5. Compatible with 3 types of batteries: SEAL, gel, flooded
6. FCAN certification
7. LCD display
8. RS485 communication
9. PC software
10. WiFi module
11. CE, ROHS, FCC certification
12. 3-year warranty, 10-year lifespan

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MPPT 48V 100A		48BL-100A
MPPT	MPPT efficiency	MPPT efficiency $\geq 99.5\%$
	MPPT type	MPPT
	MPPT power	0.5W ~ 1.2W
	MPPT voltage	48V
	MPPT current	100A
PV	max. pv voltage (VOC)	DC150V
	MPPT voltage	48V + 3V
	MPPT current	100A + 2V
	MPPT power	DC150V
	MPPT power	12V/24V/36V/48V
	12V/24V/36V/48V	1300W/2600W

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
 LoadVolt: 14.1V
 CHG Curr: 0.0A
 LoadCurr: 0.4A
 CHG Power: 0W
 LoadPower: 5W
 InnerTemp: 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
 MonthUsed: 0.5kWh
 TotalUsed: 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 LoadCurr: 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: 30.0 V Off Delay: 10 min
 OffLoad->PV OK: 30.0 V Off Delay: 10 min

Dual Timer Mode

Timer1->On Time: 10 : 30 Off Time: 10 : 30
 Timer2->On Time: 00 : 00 Off Time: 00 : 00

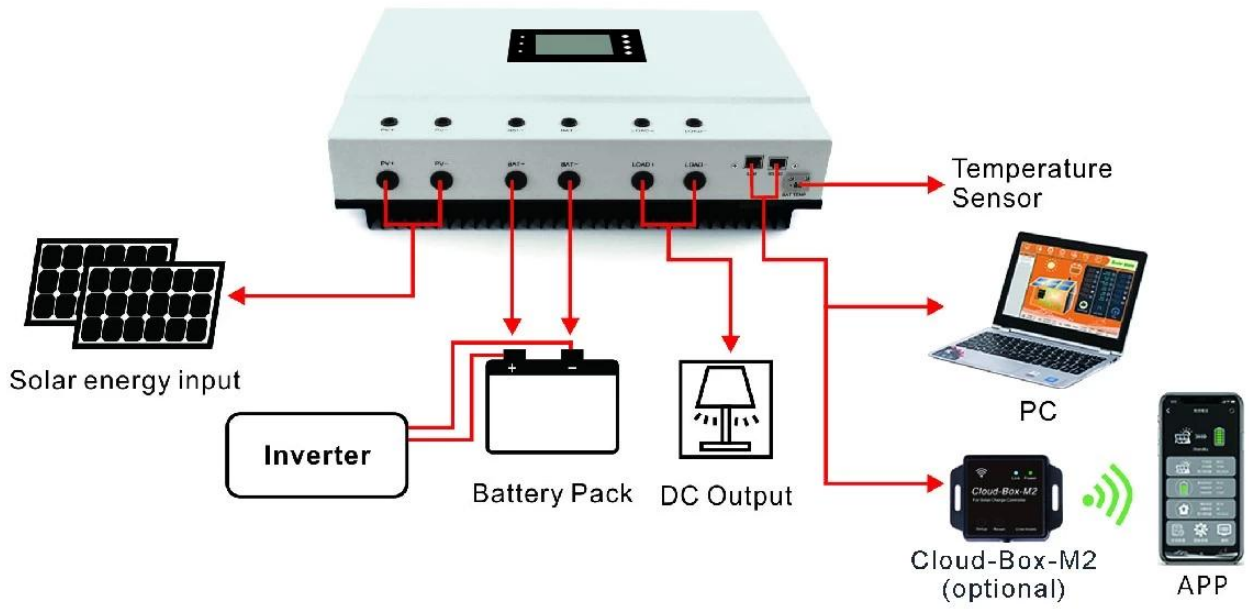
Light-Time Mode

Dark->On Load->PvLow: 30.0 V On Hour: 12 H
 Dawn->OffLoad->Pv Ok: 30.0 V On Hour: 0 H

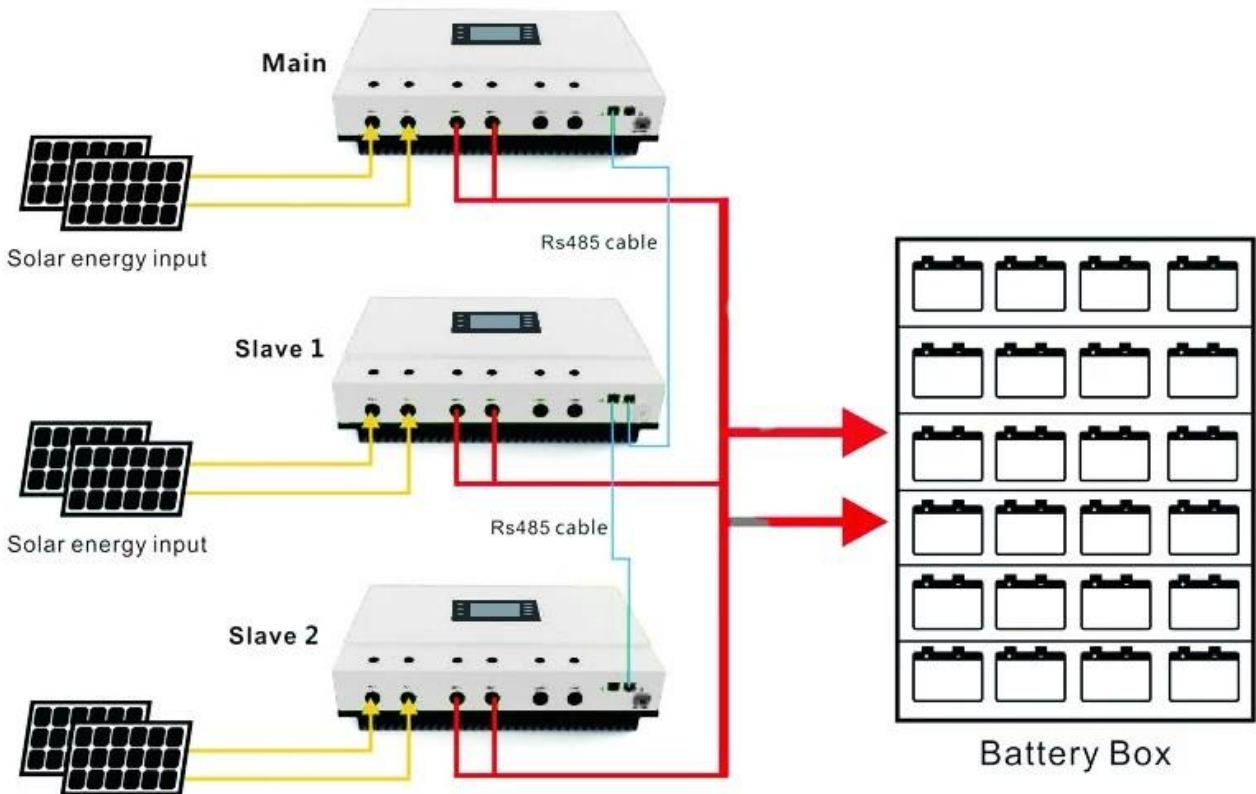
Load Mode Selection: On Mode

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