

100A / LCD MPPT



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

Features

1. MPPT efficiency $\geq 99.5\%$
 2. High efficiency
 3. PV + Battery
 4. Battery
 5. gel / FCUN
 6. PV
 - 7.
 - 8.
 9. RS485
 10. PC / WiFi
 11. CE / ROHS / FCC
- 12 3 3 10

Specifications

Model		48BL-100A
Parameter	MPPT Efficiency	$\geq 99.5\%$
	MPPT Voltage Range	0.5W ~ 1.2W
	MPPT Current	
	MPPT Power	
	MPPT Voltage	
Parameter	Max. PV Voltage (VOC)	DC150V
	Battery Voltage	Battery + 3V
	Battery Voltage	Battery + 2V
	Battery Voltage	DC150V
	Battery Voltage	1300W (12V) / 2600W (24V)

規格	標準仕様	標準仕様
	電源	100a
	電圧	標準仕様 - 標準仕様
仕様	電源	標準仕様
	電源	100a
	電源	OFF PV + PV + 標準仕様
機能	電源	LCD
	電源	8 RJ45 / RS485 / PC / WiFi
環境	電源	標準仕様
	電源	-20°C +50°C
	電源	-40°C +75°C
	IP	IP43
	電源	50mm2
	電源	7.1
	電源	8.8
	電源	420*280*95
電源	510*368*210	

規格

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

Bat Parameters Set

Select Battery

BatType: FLD Sys. Volt: Auto

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

Lead Acid Battery(9~15V)

C. V. Charge: 14.6 V
 Equalizing V: 14.8 V
 Float Charge: 13.8 V
 Equalizing T: 30 min
 Battery Over: 15.0 V
 Over Recover: 14.8 V
 Battery Low: 10.5 V
 Low Recover: 11.0 V

Lithium Battery

Charge Volt: 14.4 V
 Nominal Volt: 12.8 V
 Battery Over: 15.0 V
 Over Recover: 14.4 V
 Battery Low: 7.6 V
 Low Recover: 5.0 V

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: 21:00
 Timer2->On Time: 00:00 Off Time: 00:00

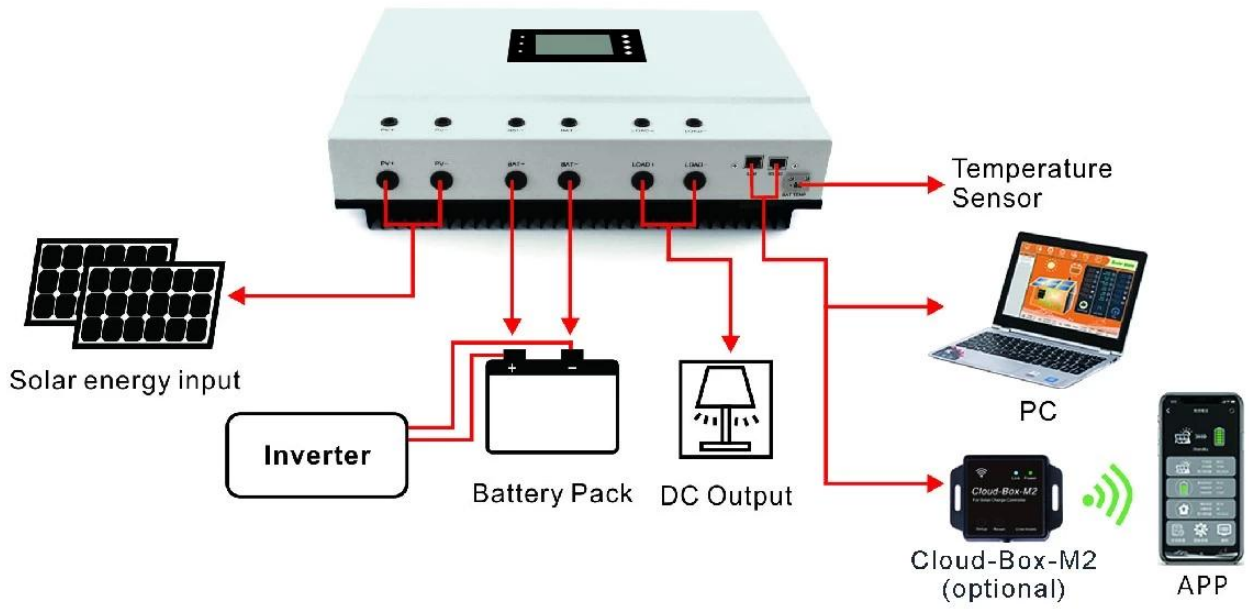
Light-Time Mode

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

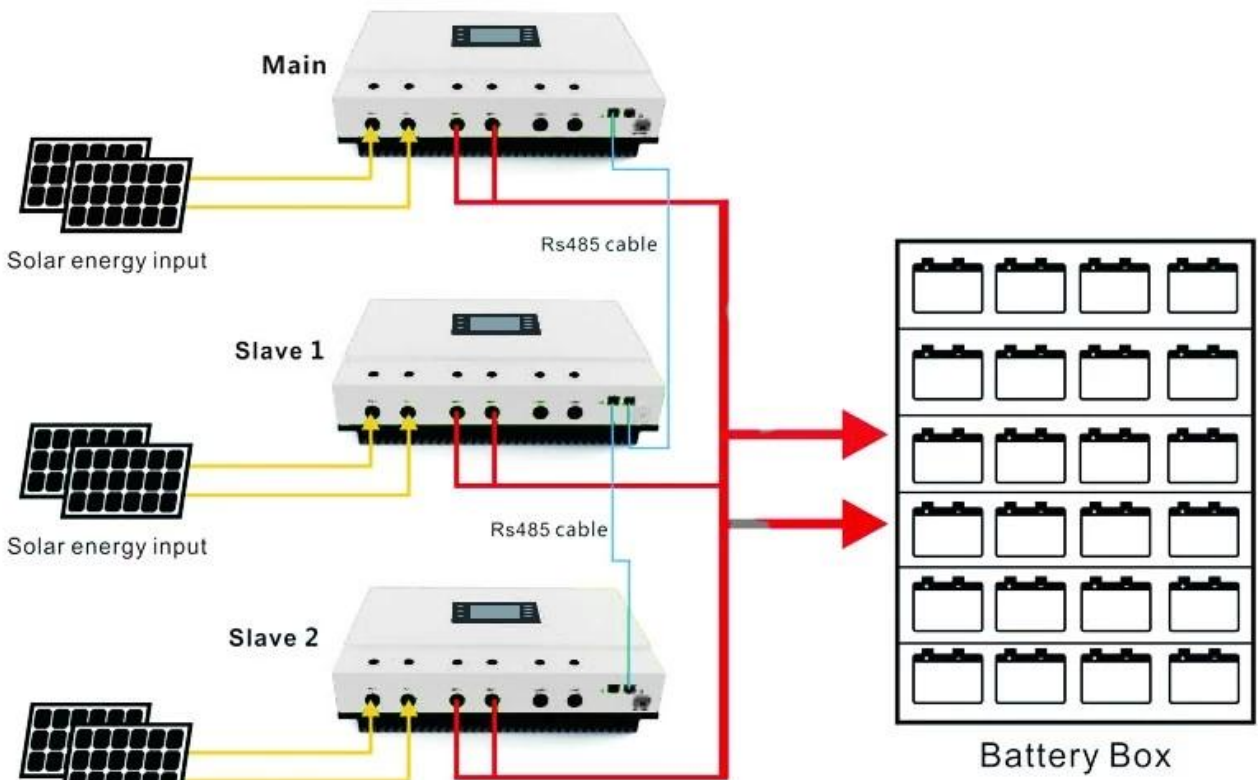
Load Mode Selection: On Mode

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