Duo Battery Solar Charger Controller

MPPT7535-DUO: Solar: Max.75V, 460W | Battery: 12V, 35A

MPPT7515-DUO: Solar: Max.75V, 200W | Battery: 12V, 15A

OLYS





Key Features

- Applicable battery type: Lead-acid , AGM, GEL, LiFePO4,Lithium-NCM
- MPPT charging technology
- Lithium battery 0v charging activation function
- With AES output function
- When the start battery voltage is low, the Board battery automatically charges the starting battery
- Temperature compensation function
- Canbus communication
- External bluetooth module(BT10), Free app
- External display(MT-4)
- Complete aluminum alloy shell
- Certification: E-Mark, CE, ROHS, ISO,UKCA

Accessories.



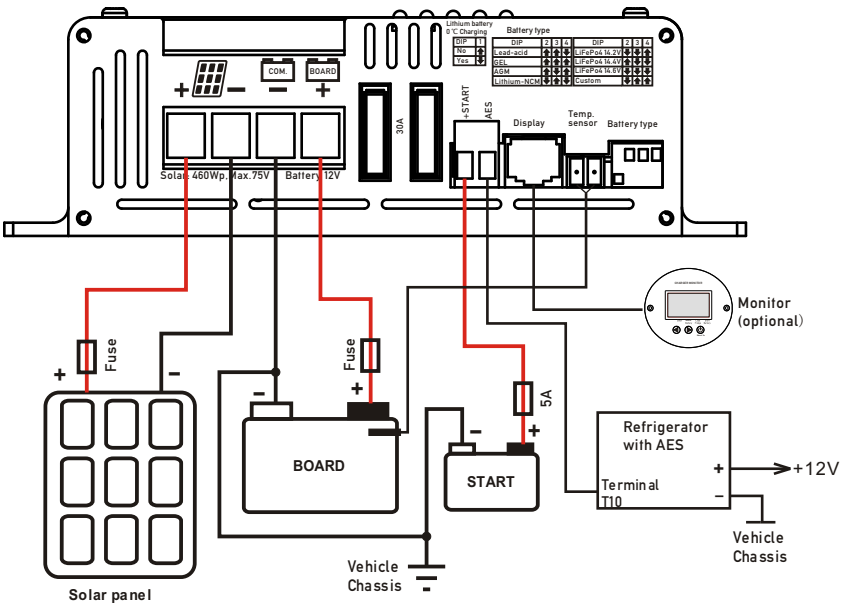
Meter(MT-4)

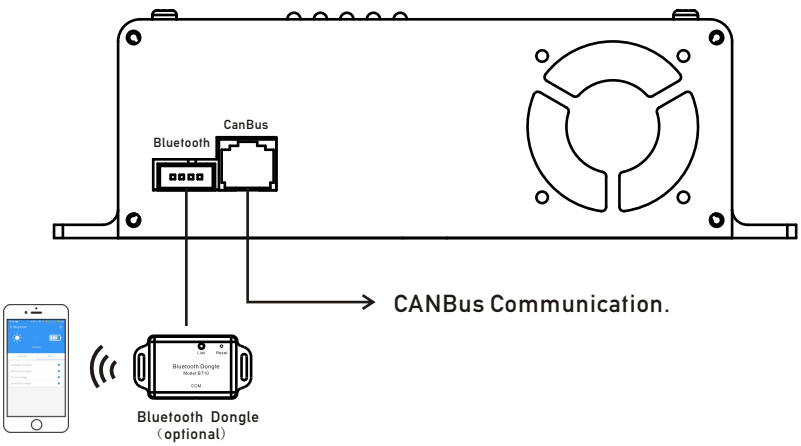


Bluetooth Dongle(BT10)



Temperature Sensor(RTS)





Duo Battery Solar Charger Controller

MPPT7535-DUO: Solar: Max.75V, 460W | Battery: 12V, 35A
MPPT7515-DUO: Solar: Max.75V, 200W | Battery: 12V, 15A

OLYS

Specification

◆Charging Parameters

Parameters \ Battery	Lead-acid	GEL	AGM	LiFePO4	Lithium-NCM	Custom
Over-Voltage	15.5V	15.5V	15.5V	15.5V	13.5V	15.5V
Recovery from Over-Voltage	13.7V	13.7V	13.7V	14.8	12.8	14.8
Equalization Voltage	14.6V	--	14.6V	--	--	--
Boost Voltage	14.4V	14.3V	14.7V	LiFePO4 14.2V: 14.2V LiFePO4 14.4V: 14.4V LiFePO4 14.6V: 14.6V	12.6V	14.4V-Default APP settings: 13.8V-15V
Float Voltage	13.5V	13.8V	13.5V	13.8V	12.5V	13.6V
Recovery from Boost Charge	13.2V	13.2V	13.2V	13.2V	12V	13.2V
Low Voltage Alarm	11V	11V	11V	11V	9.3V	11V
Constant Voltage Charge Time	2h	2h	2h	1h	1h	2h(Default) APP settings: 0.5-5h

◆ Technical parameters

Model	MPPT7535-DUO	MPPT7515-DUO
Board battery(Ⅰ) rated voltage： Lead-acid ,GEL,AGM ,Custom LiFePO4 Lithium-NCM	12V 12.8V 11.1V	12V 12.8V 11.1V
Start battery（Ⅱ）rated voltage	12V	12V
Maximum Open Circuit Voltage of Solar Panel	75V	75V
Maximum Input Power of Solar Panel	460W	200W
Maximum Charging Current of Board Batter	35A	15A
Maximum Charging Current of Start Battery	1A	1A
Temperature Compensation	-3mV/℃/2V	-3mV/℃/2V
Self-consumption current	18mA	18mA
Dimensions（L*W*H）	168mm?100.5mm?49.5mm	168mm?100.5mm?49.5mm
Weight	645g	545g
Operating Temperature	-20℃-50℃	-20℃-50℃
Accessories (Optional)	LCD display: MT-4 Bluetooth Dongle： BT10 Temperature Sensor： RTS	