Triple Battery Charger

ABS126040: DC-DC:60A, AC-DC: 40A, MPPT Solar: 430W
ABS123020: DC-DC:30A, AC-DC: 20A, MPPT Solar: 250W

OLYS





Function

- ■AC-DC, DC-DC, MPPT Solar controller ,Triple battery charger, Automatic conversion
- ■Wide input voltage with PFC
- ■Applicable battery type： Lead-acid battery, AGM, GEL, LiFePO4
- ■Solar energy using MPPT charging technology
- ■Lithium battery 0V charging activation function
- ■With AES output function
- ■When the start battery voltage is low, the main battery automatically charges the starting battery
- ■ Temperature compensation function
- ■ Protection: short circuit, reverse connection, over temperature, over current
- ■ external Bluetooth module(BT10), mobile phone app monitoring charging parameters
- ■ external display(MT-4)
- ■ complete aluminum alloy shell
- ■ certification: CE, ROHS, ISO



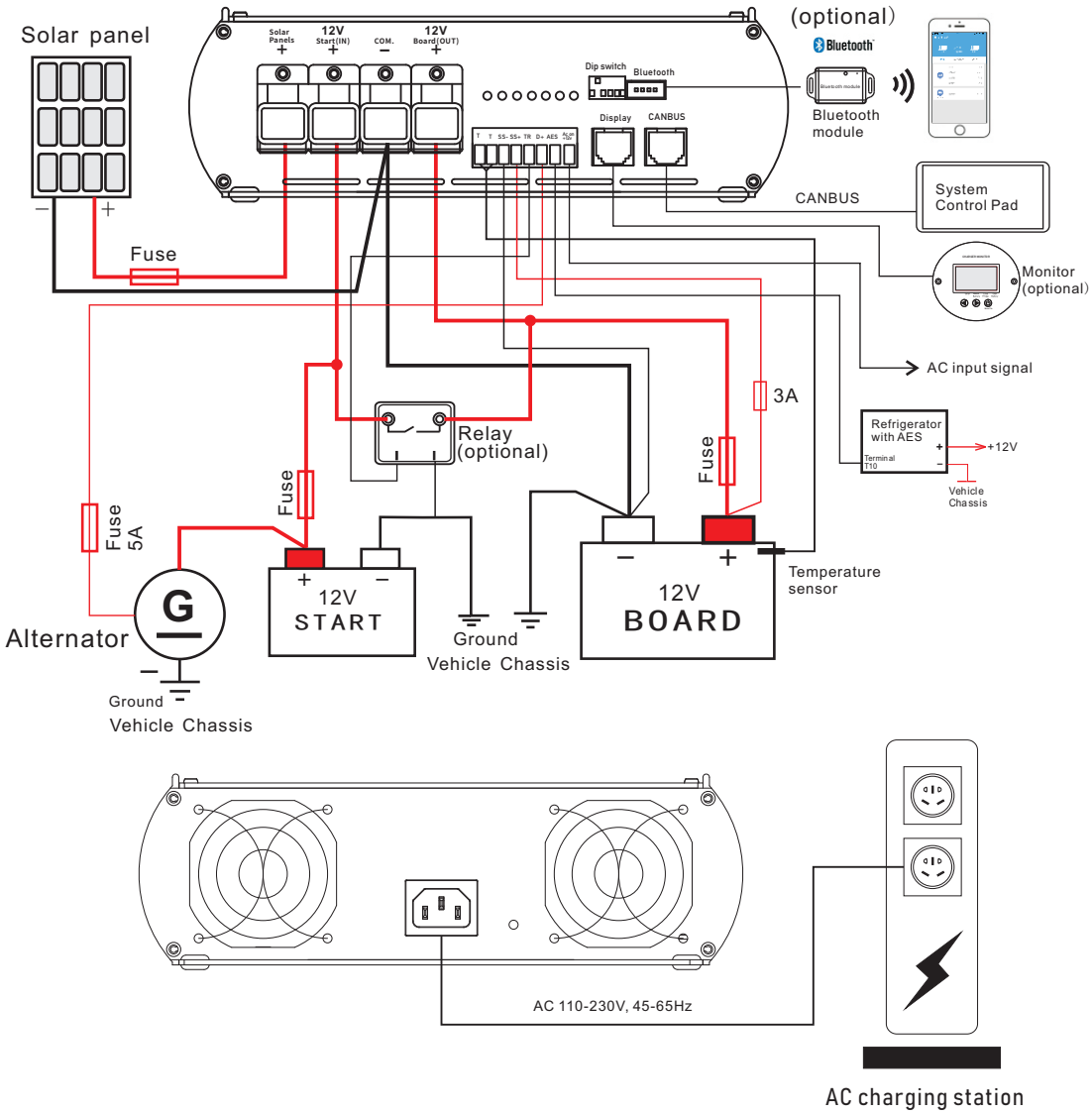
Meter(MT-4)



Bluetooth Dongle(BT10)



Temperature Sensor(RTS-AC)



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PARAMETER		
Model	ABS126040	ABS123020
AC Charge mode		
Input rated voltage (AC)	110V-230V,45-65Hz	110V-230V,45-65Hz
Input voltage range(AC)	90V-270V	90V-270V
Max.charge current	40A	20A
Board battery Max.charge power	520W	260W
B2B Charge mode		
Board battery Rated voltage	12V	12V
Recommended battery capacity	90-560Ah	45-280Ah
Start battery voltage range	10.5V-16V	10.5V-16V
Capacity (Battery Size), recommended	70-100AH	70-100AH
Board battery Max.charge current	60A	30A
Board battery Max.charge power	780W	390W
Effective D+ signal voltage range	8-16V	8-16V
Signal Output "TR"	12V/1A	12V/1A
Board battery charges start battery	0-5A	0-5A
MPPT solar charge		
Max. PV power	430W	250W
Max. PV charge current	26A	15A
Max. Open circuit voltage	50V	50V
Board battery Max.charge current	30A	20A
Start battery charge current	0-5A	0-5A
Control Output "AES" Refrigerator, max.:	12V/1A	12V/1A
Temperature compensation	-3mv/℃/2V	-3mv/℃/2V
Board battery temperature sensor input "T T"	YES	YES
Self-consumption current	28mA	28mA
Weight	2.3kg	2kg
dimension	285×234×74mm	285×234×74mm
Operating temperature	-20-50℃	-20-50℃
Accessories	Meter(MT-4)	Meter(MT-4)
	Bluetooth Dongel(BT10)	Bluetooth Dongel(BT10)
	Temperature Sensor(RTS)	Temperature Sensor(RTS)