

Main Features:

- *12KW/ 15KW/ 18KW split phase pure sine inverter charger DC 48V AC 240V input AC output 120V/240V
- *Auto Generator Start (AGS)
- *Include Battery Temperature Sensor (BTS) and Remote Control
- *8 kinds of battery voltage selection (lithium LiFePO4, gel, AGM and lead Acid batteries)
- *Compatible With All kind of Home & Office Appliances
- *Powerful Charge Rate Up to 120Amp, Selectable From 0%-100%
- *Built-in transfer switch and battery charge, backup or off grid power solutions
- *AC/Battery Priority Mode, Designates the Inverter-Preferred UPS Configuration
- *4-step Intelligent Battery Charging, PFC (Power Factor Correction) for Charger
- *8 ms Typical Transfer Time Between Utility & Battery, Ensure Power Continuity
- *15s Delay Before Transfer when AC Recover, Protection for Load when Used with Generator

Main Specification :

Continuous Output Power: 12.0KW/ 15.0KW/ 18.0KW

Surge Rating(20s): 300%

Output Waveform: Pure Sine Wave

AC Output Voltage: 120V and 240V

AC Input Voltage: 240V (not suitable for AC 120V input)

DC Battery Voltage: 48Vdc

AC Battery charger: 115±5Amp(12KW inverter), 100±5Amp(15KW inverter), 95±5Amp(18KW inverter)

Output Frequency: 50Hz /60Hz

Typical transfer Time: 10ms(Max)

DC Input:

Nominal Input Voltage: 48.0Vdc

Minimum Start Voltage: 40.0Vdc/ 42.0Vdc

Low Battery Alarm: 42.0Vdc / 44.0Vdc

Low Battery Trip: 40.0Vdc / 42.0Vdc

High Voltage Alarm: 64.0Vdc

Low Battery voltage recover: 62.0Vdc

Power Saver on Idle Consumption: 40W(12KW inverter), 45W(15KW inverter), 50W(18KW inverter)

Power Saver off Idle Power: 180W(12KW inverter), 225W(15KW inverter), 270W(18KW inverter)

Charger :

Output Voltage: Depends on battery type

Battery Initial Voltage for Start Up: 40-62.8V

Over Charge Protection Shutdown: 62.8V

Charger Breaker: 80A(12KW inverter), 100A(15KW/18KW inverter)

Input Voltage Waveform: Sine wave (Grid or Generator)

AC input range:184-253Vac/140-270Vac

Nominal Input Frequency :50Hz or 60Hz (Auto detect)

Packaging:

*48V Split Phase Pure Sine Wave Power Inverter

*English Manual

*Remote Control

*BTS Cable