

Technical Specifications

INVERTER CHARGER

Max Rated Power	3000W
Input Voltage AC (Charging)	120VAC
Input/Output Frequency	50/60 Hz. Adj.
Output Voltage	120VAC +/- 5%
Output Waveform	Pure Sine Wave
Peak Efficiency	>95%
Max DC Charging Current	95A

BATTERY SPECIFICATIONS

Chemistry	LifePo4
Nominal Voltage	12.8V
Capacity	230 Ah / 2.94 kWh
Protection	BMS + Fusing
Voltage Range	10V - 14.4V
Max Continuous Current / Power	200A / 2560W
Cycle Life	3500 Cycles

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	32°F - 131°F
Storage Temperature	32°F - 131°F
Humidity	5%-95%

ALTERNATOR CHARGER

Max Input/Output Power	660W/660W
Voltage Input Range	12V-16V
Max Charging Current	50A
Algorithm	Smart Isolator
Smart Alternator Support	Yes

MECHANICAL SPECIFICATIONS

Dimensions	28" x 11" x 11" (LWH)
Weight	75 lbs
Mounting Options	Floor/Wall Mount



SOLAR CHARGER

Max PV Input/Output Power	660W/660W
Max PV Charging Current	50A
Max PV Input Voltage	25V
MPPT Efficiency	97%



DETAILED WIRING DIAGRAM

