

SAM-1500C-12

Modified Sine Wave Inverter/Charger



SAM-1500C-12

Features

- Integrated 1500W Modified Sine Wave Inverter, 30A Transfer switch, and 2 Stage 12 VDC, 15A Battery Charger
- High efficiency, lightweight, and compact for easy installation
- Separate ON/OFF control for Inverter and Battery Charger for selectable operation as inverter, charger or UPS function
- 4 color LED indicators to monitor operational status
- Load controlled fan for efficient cooling when required
- Allows use of higher capacity external 12V battery bank for longer backup time
- Neutral to Ground Bond Switching Relay for grounding compliance
- Electronic protections including GFCI when in Inverter Mode

Applications

- Backup power systems
- 12V Battery charging
- Remote shelters
- RV's, trucks & utility vehicles

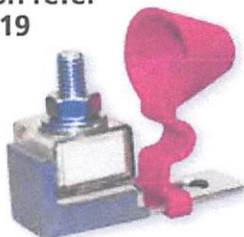
2 YEAR LIMITED WARRANTY

Efficient Backup Power...

The transfer switch automatically detects utility or generator power and transitions to your battery bank when grid power is unavailable.

Also provides safe and rapid charging of 12V battery bank when grid power is available.

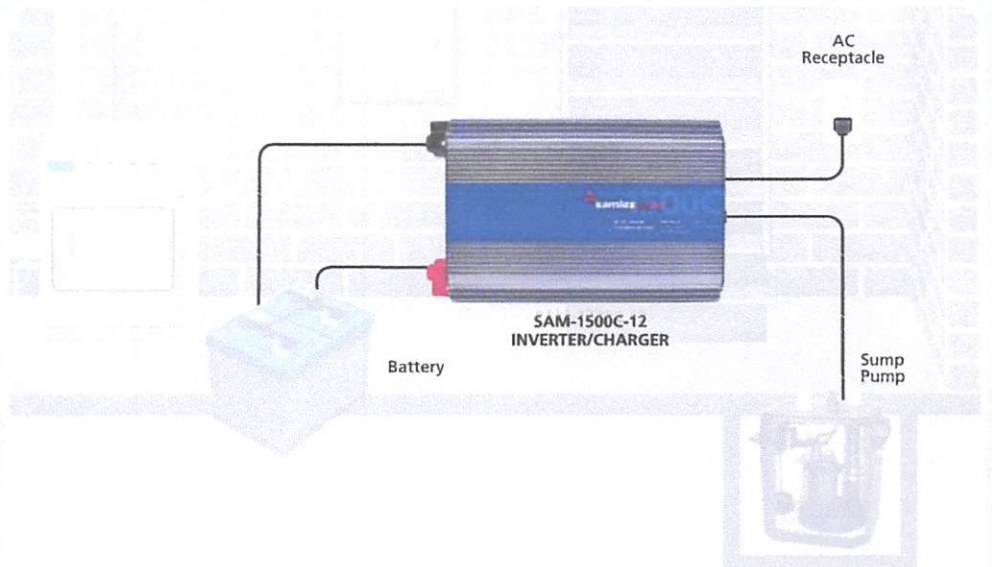
Optional Fuses & Circuit Protection refer to page 19



DC-FA-100

MODELS

Model No.	Input (VDC)	Output (VAC)	Output Power (W)	Surge (W)	Weight (lbs)	Dimensions (inches)	Outlets (NEMA5-15R)
SAM-1500C-12	12	115	1500	3000	8.82	7.95 x 13.58 x 3.30	2



SAM SERIES

Modified Sine Wave Inverters



SAM-2000-12

Features

- Compact design, durable construction
- Load controlled cooling fan
- Low battery input alarm
- Universal protection circuit: thermal, battery, overload, short circuit, earth fault
- Soft start technology
- 100W to 800W models include a USB charging port, 2.1 Amps
- 1000W to 3000W models have the option for remote ON/OFF control

Applications

- | | |
|--------------------------------|---|
| Solar power systems | Telecommunication |
| Emergency backup power | Field work/construction sites |
| Service vehicles | Home electronics:
TV, DVD, gaming consoles |
| Mobile offices | Tools & appliances |
| Recreational vehicles, camping | |

2 YEAR LIMITED WARRANTY



SAM-100-12

Easily plugs into any 12V socket in your car, boat, truck or RV.



MODELS

Model No.	Input (VDC)	Output (VAC)	Output Power (W)	Surge (W)	Weight (lbs)	Dimensions (inches)	Outlets
SAM-100-12*	12	115	100	200	0.30	2.36 x 5.08 x 1.44	1
SAM-250-12**	12	115	250	500	0.92	4.5 x 5.9 x 1.8	1
SAM-450-12**	12	115	450	900	1.30	6.1 x 6.0 x 2.2	2
SAM-800-12*	12	115	800	1600	2.91	7.0 x 8.6 x 2.4	2
SAM-1000-12	12	115	1000	2000	3.70	7.1 x 9.84 x 2.32	2
SAM-1500-12	12	115	1500	3000	7.10	7.95 x 11.14 x 3.3	2
SAM-2000-12	12	115	2000	4000	8.50	7.95 x 13.58 x 3.3	3
SAM-3000-12	12	115	3000	6000	11.80	7.95 x 16.53 x 3.3	3

SAM-RC Remote Control for use with 1000W to 3000W models.

* Comes with 12V power plug

† Comes with battery clamps



SAM-RC Remote Control

- Power ON/OFF
- 16' cable with RJ45 Connector
- Bar Meter Monitor for battery charge level and output power
- LED indicator for voltage, temperature and overload protection.
- Sold separately