

Modified Sine Wave Inverters

SAM SERIES



SAM-1500-12

Durably constructed SAM Series modified sine wave inverters provide reliable power at an affordable price.

DESIGN FEATURES

- Compact design
- 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
- 1000W to 3000W models have the option for a 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 | |

COMPLIANCE ETL Safety Listed to UL Standard 458

2 YEAR WARRANTY



SAM-100-12

Easily plugs into any 12V socket in your car, boat, truck or RV. Comes with one AC outlet and a USB charging port that can be used simultaneously to power your favorite electronics. Charge cell phones, laptops, MP3 players, tablets, gaming devices and more.



DC-AC Modified Sine Inverters - SAM Series

Model	Input (VDC)	Output (VAC)	Output Power (W)	Surge (W)	Weight (lbs)	Dimensions (inches)	Outlets
SAM-100-12*	12	115	100	200	0.3	5.0 x 2.5 x 1.50	1
SAM-250-12*†	12	115	250	500	0.9	5.9 x 4.5 x 1.80	1
SAM-450-12*†	12	115	450	900	1.2	5.9 x 6.1 x 2.20	2
SAM-800-12†	12	115	800	1600	2.9	8.6 x 7.1 x 2.30	2
SAM-1000-12	12	115	1000	2000	3.7	9.8 x 7.1 x 2.30	2
SAM-1500-12	12	115	1500	3000	7.0	11.1 x 8.0 x 3.30	2
SAM-2000-12	12	115	2000	4000	8.5	13.6 x 8.0 x 3.30	3
SAM-3000-12	12	115	3000	6000	12.1	16.5 x 8.0 x 3.30	3
SAM-450-12E*†	12	230	450	900	1.3	6.0 x 6.1 x 1.80	1
SAM-RC	Remote Control (For use with 1000W to 3000W models) sold separately.						

* Comes with 12V power plug

† Comes with battery clamps



SAM-RC Remote Control

- Power ON/OFF
- 10' cable with RJ45 Connector
- Bar Meter Monitor for battery charge level and output power
- LED indicator lights for:
 - Over & under voltage protection
 - Over temperature protection
 - Overload protection
 - Power save mode