



1000W



DC-AC Inverter
Modified Sine Wave

Model
SAM-1000-12
 12 VDC
 115 VAC

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
- Cool surface technology
- Low interference technology

2 YEAR WARRANTY



	MODEL NO.	SAM-1000-12
INPUT	BATTERY SYSTEM VOLTAGE	12 VDC
	NOMINAL INPUT VOLTAGE	12.5 VDC
	INPUT VOLTAGE RANGE	10.5 VDC to 15.0 (+/- 0.5) VDC
	INPUT CURRENT AT CONTINUOUS POWER	100A
	INPUT CURRENT AT NO LOAD	0.5A to 0.6A
OUTPUT	OUTPUT VOLTAGE WAVE FORM	Modified Sine Wave
	OUTPUT VOLTAGE	115 VAC
	OUTPUT VOLTAGE REGULATION	+ 10% / - 0%
	OUTPUT FREQUENCY	60 Hz ± 5%
	OUTPUT POWER, CONTINUOUS (RESISTIVE LOAD)	1000W
	OUTPUT POWER, SURGE (< 1 SEC, RESISTIVE LOAD)	2000W
	PEAK EFFICIENCY (AT 50% OF CONTINUOUS POWER)	90%
PROTECTIONS	USB CHARGING PORT	Not available
	LOW INPUT VOLTAGE ALARM	Yes (10.8 VDC ± 0.3 VDC)
	LOW INPUT VOLTAGE SHUTDOWN	10.5 VDC ± 0.5 VDC
	HIGH INPUT VOLTAGE SHUTDOWN	Yes (> 15.5 VDC ± 0.2 VDC)
	OVERLOAD & GROUND FAULT SHUT DOWN	Yes (Latches in shutdown condition. Manual reset by switching OFF and switching ON the ON/OFF Switch)
	OVER TEMPERATURE SHUTDOWN	Internal Hot Spot 88°C to 115°C. Auto-reset when cools down by 10°C to 15°C.
	COOLING FAN, LOAD CONTROLLED, ON AT	28 to 32W
	LEAKAGE PROTECTION	Yes (Shutdown)
CONNECTIONS	INPUT FUSE, 32 V	120A (4 x 30A)
	DC INPUT CONNECTION	Nut & Bolt, M9
	AC OUTPUT - No OF NEMA5-15R RECEPTACLES	2
GENERAL	REMOTE CONTROL PORT	Yes
	OPERATING TEMPERATURE RANGE	0°C to 25°C / 32°F to 77°F at 100% loading; 26°C to 35°C / 78.8°F to 95°F at 80% loading
	OPERATING HUMIDITY	< 80%
	NEUTRAL TO CHASSIS BONDING	No. Neutral is floating
	DIMENSIONS, MM (W x D x H)	180 x 250 x 59
	DIMENSIONS, INCHES (W x D x H)	7.1 x 9.84 x 2.32
	WEIGHT, KG	1.69
WEIGHT, LB	3.72	

NTX Series

The **NTX Series** Pure Sine Wave power inverters are FCC certified to ensure electrical interference will not be a problem when operating near sensitive equipment. This new series is also ETL certified to meet strict UL and CSA safety standards for operation in the USA and Canada. Compact and lightweight, the NTX inverters have a single variable speed fan for quiet operation.



NEW

NTX SERIES FEATURES

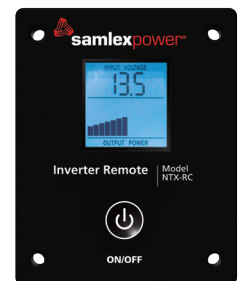
- Samlex Hypersurge™ technology starts high surge loads with ease
- High efficiency and very low idle current
- 2 GFCI protected outlets (1000W, 1500W & 2000W models)
- Wide input voltage range
- Temperature & load-controlled variable speed fan
- NTX-3000-12 features a 30 Amp NEMA L5-30R locking AC outlet with mating plug and built-in GFCI protection for full power utilization
- LCD Remote Control NTX-RC included with all models

 **2 YEAR LIMITED WARRANTY**

MODEL	INPUT	OUTPUT	POWER	OUTLETS
NTX-1000-12	12 VDC	115 VAC	1000W	2
NTX-1500-12	12 VDC	115 VAC	1500W	2
NTX-2000-12	12 VDC	115 VAC	2000W	2
NTX-3000-12	12 VDC	115 VAC	3000W	1
NTX-RC	For use with all models. Included			

NTX-RC Remote Control Included

- Power ON/OFF
- 16' cable with RJ45 connector
- Informative LCD display indicates:
 - Input voltage
 - Output power (bar graph)
 - Input fault
 - Output fault
- Also sold separately



NTX-RC