



**samlexamerica®**

**DC-AC Inverter**  
**Pure Sine Wave**

Model  
**NTX-1000-12**  
12 VDC - 115 VAC



### NTX-RC Remote Control included in every box

Use the control panel for remote operation and install your inverter out of sight. Remote comes with 16' of connecting wire.

### Design Features

- Pure Sine Waveform of AC output voltage
- High efficiency
- Compact size and low weight
- Very low idle current
- Easily start high surge loads with Samlex Hypersurge™ technology
- LCD Remote Control Model NTX-RC
- Low noise load and temperature controlled variable speed fan
- Wide input voltage range

**2 YEAR LIMITED WARRANTY**



	MODEL NO.	NTX-1000-12
INPUT	DC INPUT VOLTAGE RANGE	10.5 - 16.3 VDC (± 0.3 VDC)
	DC INPUT CURRENT AT RATED LOAD	100A
	DC INPUT CURRENT AT NO LOAD	< 0.8A
OUTPUT	AC OUTPUT VOLTAGE	115 VAC (± 5 VAC)
	AC OUTPUT FREQUENCY	60 Hz (± 1 Hz)
	AC OUTPUT WAVE FORM	Pure Sine Wave
	CONTINUOUS ACTIVE OUTPUT POWER	1000W
	MAXIMUM ACTIVE SURGE POWER (LESS THAN 1 SEC)	2000W
PORTS	PEAK EFFICIENCY	90.5%
	REMOTE CONTROL PORT (RJ-45 JACK, 8P8C)	Yes
PROTECTIONS	LOW INPUT VOLTAGE WARNING ALARM	11.0 VDC ± 0.3 VDC
	LOW INPUT VOLTAGE SHUTDOWN	10.5 VDC ± 0.3 VDC
	HIGH INPUT VOLTAGE SHUTDOWN	16.3 VDC ± 0.3 VDC
	GROUND FAULT/OVERLOAD/SHORT CIRCUIT SHUTDOWN	Yes. Manual reset
	OVER TEMPERATURE SHUTDOWN	Yes. Auto reset
CONNECTIONS	COOLING	Load and temperature controlled variable speed fan
	INPUT	Nut and Bolt (M9)
COMPLIANCE	OUTPUT	NEMA5-20R Duplex Receptacles
	SAFETY	Intertek - ETL Listed. Conforms to UL Std. 458 and certified to CSA Std. C22.2 No. 107.1
GENERAL	EMI/ EMC	FCC Part 15(B), Class A
	OPERATING AMBIENT TEMPERATURE	0°C to 40°C / 32°F to 104°F
	STORAGE TEMPERATURE	-30°C to 70°C / -26°F to 158°F
	DIMENSIONS (W x D x H), INCHES	8.50 x 11.06 x 3.62
	DIMENSIONS (W x D x H), MM	216 x 281 x 92
	WEIGHT, LB	5.4
WEIGHT, KG	2.5	
REMOTE CONTROL	NTX-RC	Included

- NOTES:
1. All power ratings are specified for resistive load at Power Factor = 1
  2. All specifications given above are at ambient temperature of 25°C / 77°F
  3. Specifications are subject to change without notice

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