# samlexamerica® 1000W



## DC-AC Inverter
## Pure Sine Wave

Model

NTX-1000-12
12 VDC- 115 VAC

NTX-1000-24
24 VDC- 115 VAC

### Design Features

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




### NTX-RC Remote Control Included

Use the control panel for remote operation and install your inverter out of sight. Featuring selectable low-voltage shutdown protection. Remote comes with 16' of connecting wire.

**2 YEAR LIMITED WARRANTY**

| | MODEL NO. | NTX-1000-12 | NTX-1000-24 |
|---|---|---|---|
| INPUT | DC INPUT VOLTAGE RANGE | 10.5 - 16.3 VDC (± 0.3 VDC) | 21.0 - 32.6 VDC (± 0.5 VDC) |
| | DC INPUT CURRENT AT RATED LOAD | 100 A | 50 A |
| | DC INPUT CURRENT AT NO LOAD | < 0.8 A | < 0.4 A |
| 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 | 1000 W | |
| | MAXIMUM ACTIVE SURGE POWER (LESS THAN 1 SEC) | 2000 W | |
| | PEAK EFFICIENCY | 90.5% | |
| PORTS | REMOTE CONTROL PORT (RJ-45 JACK, 8P8C) | Yes | |
| PROTECTIONS | LOW INPUT VOLTAGE WARNING ALARM | 11.0 VDC ± 0.3 VDC | 22.0 VDC ± 0.5 VDC |
| | LOW INPUT VOLTAGE SHUTDOWN | 10.5 VDC ± 0.3 VDC | 21.0 VDC ± 0.5 VDC |
| | HIGH INPUT VOLTAGE SHUTDOWN | 16.3 VDC ± 0.3 VDC | 32.0 VDC ± 0.5 VDC |
| | GROUND FAULT/OVERLOAD/SHORT CIRCUIT SHUTDOWN | Yes. Manual reset | |
| | OVER TEMPERATURE SHUTDOWN | Yes. Auto reset | |
| | COOLING | Load and temperature controlled variable speed fan | |
| | INTERNAL FUSES | 4 x 40 A in parallel | 2 x 40 A in parallel |
| | | (Automotive Blade Fuses, Type ATO/ATC, 32 VDC) | |
| CONNECTIONS | INPUT | Nut and Bolt (M9) | |
| | OUTPUT | NEMA5-20R Duplex GFC1 Receptacles | |
| COMPLIANCE | SAFETY | Intertek - ETL Listed. Conforms to UL Std. 458 and certified to CSA Std. C22.2 No. 107.1 | |
| | EMI/ EMC | FCC Part 15(B), Class A | |
| GENERAL | OPERATING AMBIENT TEMPERATURE | -25 °C to 50 °C / -13 °F to 122 °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, KG | 2.5 | |
| | WEIGHT, LB | 5.4 | |
| 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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