samlexamerica®

3000W



DC-AC Inverter
Pure Sine Wave

Model

NTX-3000S-12
12 VDC- 115 VAC

NTX-3000S-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
- Three standard 15A recepticles to power AC equipment



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-3000S-12	NTX-3000S-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	300 A	150 A
	DC INPUT CURRENT AT NO LOAD	< 1.1 A	< 0.6 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	3000 W	
	MAXIMUM ACTIVE SURGE POWER (LESS THAN 1 SEC)	6000 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	16 x 30 A in parallel	8 x 30 A in parallel
		(Automotive Blade Fuses, Type ATO/ATC, 32 VDC)	
CONNECTIONS	INPUT	Nut and Bolt (M9)	
	OUTPUT	3x NEMA 5-15R receptacles with 15A Circuit Breaker	
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 17.75 x 3.62	
	DIMENSIONS (W x D x H), MM	216 x 451 x 92	
	WEIGHT, KG	5.5	
	WEIGHT, LB	12	
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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