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Inversor

NHNAM100-12

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DC-AC Inverter
Modified Sine Wave

Model
SAM-100-12
12 VDC - 115 VAC

Design Features

- Light weight, compact, highly portable
- Easy to install and operate
- 2.1 Amp USB Charging Port (compatible with all new release smart phones)
- Fan cooled
- Cool surface technology
- Soft start technology
- Low battery input alarm
- Universal protection circuit – thermal, battery, overload, short circuit & earth fault

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Código: NHNSAM100-12

INPUT	BATTERY SYSTEM VOLTAGE	12 VDC
	NOMINAL INPUT VOLTAGE	13.8 VDC
	INPUT VOLTAGE RANGE	10.5 ± 0.3 VDC to 15.5 ± 0.3 VDC
	MAXIMUM INPUT CURRENT	10A at 13.8 VDC
	INPUT CURRENT AT NO LOAD	< 0.35A
OUTPUT	OUTPUT VOLTAGE WAVE FORM	Modified Sine Wave
	OUTPUT VOLTAGE (FREQUENCY)	115 VAC (108 to 127 VAC); 60 Hz (56 to 64 Hz)
	OUTPUT POWER, CONTINUOUS (RESISTIVE LOAD)	100W
	OUTPUT POWER, SURGE (<1 SEC., RESISTIVE LOAD)	200W
	PEAK EFFICIENCY	> 85%
	USB CHARGING PORT	Connector Type "A": 5 VDC, 2.1A
PROTECTIONS	LOW INPUT VOLTAGE SHUTDOWN	10.5 VDC ± 0.3 VDC. Auto reset at 11.6 VDC ± 0.3 VDC
	HIGH INPUT VOLTAGE SHUTDOWN	15.5 VDC ± 0.3 VDC. Auto reset at 15.2 VDC ± 0.3 VDC
	OVERLOAD AND GROUND FAULT SHUT DOWN	Overload: > 125W Ground Fault Leakage Current Limit: 4 to 6mA Latches in shutdown condition. Manual reset: Remove the inverter from the 12V Power Outlet. Wait for 3 min and re-insert firmly.
	OVER TEMPERATURE SHUTDOWN	Yes. Auto reset on cooling down.
	COOLING FAN	Always ON
	INPUT FUSE: INSIDE TOP OF THE 12V POWER PLUG PORTION	12A, 250V (Fast Acting, Type AGC-12; Dimensions: 0.25" x 1.25")
OUTLETS	DC INPUT	12V Power Plug (Cigar Plug)
	AC OUTPUT	One NEMA5-15R Outlet
GENERAL	MONITORING: STATUS INDICATION	GREEN LED: ON - Normal; OFF - Shut Down
	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%; Non-condensing
	DIMENSIONS (W X D X H)	60 x 129 x 36.5 mm / 2.36 x 5.08 x 1.44 in
	WEIGHT	0.136 kg / 0.3 lb
	SAFETY COMPLIANCE	Intertek-ETL Listed Conforms to UL Standard 458