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NHNPSE12275A



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DC-AC Inverter ⚡ Modified Sine Wave

Model
PSE-12275A
12 VDC
120 VAC

Design Features

- High efficiency PWM design
- LED bar graphs indicate input voltage, input current and output power
- Temperature controlled cooling fan
- Low input voltage warning alarm
- Optional remote operation with Samlex Model RC-15 remote control (sold separately)
- Protections: high/low DC input voltage, over temperature and over load shut down
- High output power surge



Código: NHPSE12275A

OUTPUT	OUTPUT VOLTAGE	120VAC +5% / - 10%
	OUTPUT FREQUENCY	60Hz ± 5%
	OUTPUT VOLTAGE WAVEFORM	Modified Sine Wave
	MAX. CONTINUOUS ACTIVE POWER OUTPUT (POWER FACTOR = 1)	2750W*
	MAX. ACTIVE SURGE POWER OUTPUT (< 2 SEC, POWER FACTOR =1)	4500W*
INPUT	PEAK EFFICIENCY	85% to 90%
	DC INPUT VOLTAGE	12V Battery System (> 10.5VDC to < 16.5VDC)
	MAXIMUM DC INPUT CURRENT	< 360A
MONITORING & INDICATIONS	NO LOAD CURRENT DRAW	600mA
	DC INPUT VOLTAGE, VOLTS	Colored, 10 Level LED Bar Graph
	DC INPUT CURRENT, AMPS & ASSOCIATED OUTPUT POWER, WATTS	Colored, 10 Level LED Bar Graph
	OVER TEMPERATURE	Red LED + Buzzer Alarm
	OVERLOAD	Red LED
PROTECTIONS	LOW DC INPUT VOLTAGE	Buzzer Alarm
	COOLING	Temperature Controlled Fan
	OVER LOAD / SHORT CIRCUIT	<ul style="list-style-type: none"> Shut down if output power > Continuous / Surge Ratings Manual Reset: Switch OFF, wait for 3 min and Switch ON
	OVER TEMPERATURE	<ul style="list-style-type: none"> Shut Down when temperature of internal hot spot > threshold Automatic reset when unit cools down
	HIGH DC INPUT VOLTAGE	<ul style="list-style-type: none"> Shut down when DC Input Voltage > 16.5VDC Auto reset when voltage drops below 16.5VDC
	LOW DC INPUT VOLTAGE	<ul style="list-style-type: none"> Shut down when DC Input Voltage < 10VDC Auto reset when voltage rises to > 11.3VDC
	LOW DC INPUT VOLTAGE ALARM	<ul style="list-style-type: none"> Buzzer alarm when DC Input Voltage < 10.5VDC Auto reset when voltage rises > 10.5VDC
INTERNAL DC SIDE FUSES	Automotive Type ATC, 32V - 360A (30A x 12 pcs.)	

INPUT & OUTPUT CONNECTIONS	DC INPUT CONNECTIONS	5/16" bolt and nut, 18 TPI
	AC OUTPUT CONNECTIONS	3 x AWG #10 wires in covered pocket for hard wiring to panel / 2 Knock Outs (Hole diameter 22 mm / 0.87") for 3/8" fitting for cable entry / Plate with NEMA5-15R outlet and 15A Breaker for front panel outlet
	REMOTE CONTROL CONNECTION	6P6C Modular Jack
	REMOTE CONTROL (OPTIONAL)	Wired Remote Control with 15 ft cable – Model RC-15
ENVIRONMENTAL CONDITIONS	OPERATING TEMPERATURE	0°C to 40°C / 32°F to 104°F
	STORAGE TEMPERATURE	-10°C to 65°C / 14°F to 149°F
	HUMIDITY	85% RH, Non Condensing
GENERAL	DIMENSIONS (W x D x H)	205 x 495 x 160 mm / 8.07 x 19.49 x 6.30 inches
	DIMENSIONS (W x D x H)	7.35 kg. / 16.2 lbs.