



Inversor

NHNPSE12175A





DC-AC Inverter
⚡ Modified Sine Wave

Model
PSE-12175A
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: NHNPS12175A

OUTPUT	OUTPUT VOLTAGE	120VAC +5% /- 10%
	OUTPUT FREQUENCY	60Hz ± 5%
	OUTPUT VOLTAGE WAVEFORM	Modified Sine Wave
	MAX. CONTINUOUS ACTIVE POWER OUTPUT (POWER FACTOR = 1)	1750W*
	MAX. ACTIVE SURGE POWER OUTPUT (< 2 SEC, POWER FACTOR =1)	3500W*
INPUT	PEAK EFFICIENCY	85% to 90%
	DC INPUT VOLTAGE	12V Battery System (> 10.5VDC to < 16.5VDC)
	MAXIMUM DC INPUT CURRENT	< 280A
	NO LOAD CURRENT DRAW	370mA
MONITORING & INDICATIONS	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
	LOW DC INPUT VOLTAGE	Buzzer Alarm
PROTECTIONS	COOLING	Temperature Controlled Fan
	OVER LOAD / SHORT CIRCUIT	<ul style="list-style-type: none"> • Shutdown 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
INPUT & OUTPUT CONNECTIONS	INTERNAL DC SIDE FUSES	Automotive Type ATC, 32V - 280A (35A x 8 pcs.)
	DC INPUT CONNECTIONS	Terminal with 11 mm diameter tubular hole and M8 set screw
	AC OUTPUT CONNECTIONS	2 x NEMAS-15R Outlets
	REMOTE CONTROL CONNECTION	6P6C Modular Jack
ENVIRONMENTAL CONDITIONS	REMOTE CONTROL (OPTIONAL)	Wired Remote Control with 15 ft cable – Model RC-15
	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), MM	240 x 455 x 85
	DIMENSIONS (W x D x H), INCHES	9.45 x 17.91 x 3.35
	WEIGHT, KG	4.26
	WEIGHT, LB	9.4

