




NXT POWER NPT6000-H-NS Power Conditioner Instruction Manual

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NXT POWER NPT6000-H-NS Power Conditioner



Product Information

- The power conditioner is a high-capacity device designed to regulate and protect electrical power supply. It is

capable of handling a power rating of 6000 VA and operates at an input voltage of either 208 or 240 VAC with a frequency of 60 Hz.

- The power conditioner, identified by the model number NPT6000-H-NS and part number 13-00600-XX provide an output voltage of 208 or 240 VAC and 120 VAC. It delivers an output current of 29 amps per leg.
- The power conditioner features a THD (Total Harmonic Distortion) rating that ensures clean and stable power transmission. It has overload protection with a rating of 8 milliseconds for instantaneous spikes, 1 second for short-term overloads, and 10 seconds for sustained overloads.
- The voltage regulation of the power conditioner maintains stability from no load to full load, ensuring a consistent power supply regardless of the connected devices' power demands.

Product Usage Instructions

1. Ensure that the input voltage matches your power source. The power conditioner supports either 208 or 240 VAC input.
2. Connect the power conditioner to the power source using appropriate cables or connectors.
3. Verify that the output voltage matches your equipment requirements. The power conditioner provides both 208/240 VAC and 120 VAC outputs.
4. Connect your devices to the power conditioner's output using suitable cables or connectors.
5. Monitor the load on the power conditioner to prevent overloading. The rated output current is 29 amps per leg.
6. In case of sudden spikes or short-term overloads, the power conditioner will protect your connected devices. It can handle instantaneous spikes for 8 milliseconds, short-term overloads for 1 second, and sustained overloads for 10 seconds.
7. If the power conditioner experiences sustained overloads, reduce the load or disconnect non-essential devices to prevent damage.
8. Ensure proper ventilation and keep the power conditioner in a well-ventilated area to prevent overheating.
9. Refer to the user manual for further details on maintenance, troubleshooting, and safety precautions.

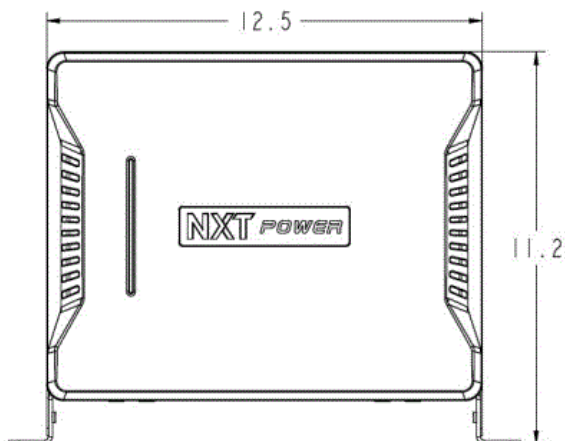
208/240 input VAC 60 Hz Power conditioner Product Specification

(6000 VA) CASE 4

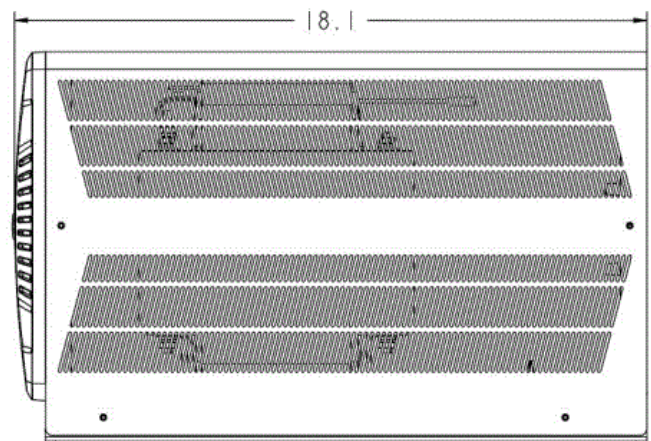
Model No.	NPT6000-H-NS
Part No.	13-00600-XX
Power Rating (VA)	6000
Input Voltage (AC)	208 or 240
Output Voltage (AC)	208, 240/120
Output Current amps (per leg)	29
THD	<1% added
Overload rating (amps)	
8 milliseconds	330
1 Second	105
10 Seconds	66
Voltage regulation no load to full load	3%
BTU/hour at full load	594
Safety Listing / compliance	cULus / RoHS
Input Plug	See below
Output Receptacle	See below
Weight (Shipping) lbs	144.0

NOISE ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either common or normal mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral-to-ground bond is established on the output of the power conditioner.

CASE 4 UNIT DIMENSIONS



Front View



Side View


(In inches)

- XX = For part numbers use the below chart to configure the unit with the correct input voltage, plug, and receptacle.
 - 01 = 208 VAC input 208, 240/120 out Hard Wired
 - 02 = 240 VAC input 208, 240/120 out Hard Wired

Warranty/Support

NXT POWER warrants its power conditioners to be free from defects in materials and workmanship for a period of five years from the date of shipment. For North American service or support on any NXT POWER product, please contact NXT POWER Technical Support at (877) NXT-POWER or (877) 698-7697 or visit the NXT POWER website at www.nxtpower.com.

Documents / Resources

	NXT POWER NPT6000-H-NS Power Conditioner [pdf] Instruction Manual NPT6000-H-NS Power Conditioner, NPT6000-H-NS, Power Conditioner, Conditioner
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References

-  [Next-Generation Power Conditioners & UPS Systems | NXT Power](#)