

NOVA PURE MAX 2K / 3K

PURE SINE WAVE INVERTER

24 VDC-120 VAC



NOVA PURE MAX 2K



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High-Performance Power Conversion

Pure sine wave output (<3% THD) ensures safe operation for sensitive electronics.

Continuous DC-AC output with >88% efficiency.

Surge capability up to 2× for motor or start-up loads.

Built-in DC fuse with audible alarm for internal protection.

Safety & Protection

Comprehensive protection against overload, short circuit, low/over-voltage, and over-temperature.

Secure grounding terminal enhances safety and protects personnel in case of insulation failure.

Low no-load current draw (<2.0A) conserves battery life.

User-Friendly Operation

Three AC outlets and 5V/2.1A USB port for versatile connectivity.

Optional wired remote ON/OFF switch.

Front-panel LEDs indicate Power, Ground Fault, and Fault.

Durability & Intelligent Cooling

Thermal-controlled fan ensures quiet, efficient cooling.

Rugged housing for reliable operation in diverse environments.

SPECIFICATIONS

Model	RS-V2P24	RS-V3P24
Product Name	NOVA PURE MAX 2K	NOVA PURE MAX 3K

POWER OUTPUT & PERFORMANCE

Continuous Power	2,000W	3,000W
Surge Power	4,000W	6,000W
Output Voltage	120VAC	
Frequency	60Hz	
Total Harmonic Distortion (THD)	<3%	
Efficiency	>88%	
No Load Current Draw	<2.0A	<2.0A
Power Output Control	AC on/off switch	

BATTERY & DC INPUT

Rated Input Voltage	24VDC
Battery Protection	Low/Over-Voltage Shutdown

COOLING & DURABILITY

Cooling	Thermally Controlled Fan
Operating Temperature	14°F to 122°F

CONNECTIVITY & USER INTERFACE

AC Output Sockets	3
USB Port	5V/2.1A
Remote Control	Optional wired ON/OFF switch
LED Indicators	Power, Ground Fault, Fault

PHYSICAL & CERTIFICATION

Dimensions (L × W × H)	16.1 × 9.6 × 4.0 in	18.7 × 9.6 × 4.0 in
Net Weight	10.1 lbs	12.1 lbs
Certification	UL 458, FCC, CE, RoHS	