RICH SOLAR | NOVA™ Series Inverters

NOVA PURE MAX 2K / 3K

PURE SINE WAVE INVERTER

24 VDC–120 VAC



NOVA PURE MAX 2K



NOVA PURE MAX 3K

Optimized for Off-Grid Power

Designed for 24V DC systems, ideal for RVs, boats, cabins, and other off-grid setups.

Pure sine wave output with <3% THD ensures safe, reliable operation of sensitive electronics.

Efficient & Quiet Operation

High efficiency (>88%) reduces energy loss during DC-to-AC conversion.

High-speed cooling fans maintain low operating temperatures, extending product life.

Operates quietly without static or humming noises, ensuring comfort in small spaces.

Full-System Protection

Built-in safeguards against under/over-voltage, over-temperature, overload (DC & AC), and short circuits.

Protects both the inverter and connected devices from damage.

C ETL LISTED US Intertek FC CE RoHS

Convenient Power & Monitoring

Three 120V AC outlets and one 5V/2.1A USB port power multiple devices simultaneously.

Audible alarm and LED indicators provide real-time fault alerts (low battery, overload).

© 2025 RICH SOLAR ALL RIGHTS RESERVED

SPECIFICATIONS

Model	RS-V2P24	RS-V3P24
Product Name	**NOVA PURE MAX 2K**	**NOVA PURE MAX 3K**
Continuous Power	2000W	3000W
Peak Surge Power	4000W	6000W
DC Input Voltage	24VDC	
AC Output Voltage	120V	
Frequency	60Hz	
Efficiency	> 88%	
THD (Pure Sine Wave)	< 3%	
No-Load Current Draw	< 2.0A	
Cooling	Thermally Controlled Fan	
USB Port	5V/2.1A	
AC Sockets	3	
Output Control	AC On/Off switch	
Remote Control	Included	
Operating Temperature	14°F to 122°F	
Certifications	UL 458, CSA C22.2	
Dimensions	16.1 x 9.6 x 4.0 in	18.7 x 9.6 x 4.0 in
Weight	10.1 lb	12.1 lb

SPECIFICATIONS INCLUDED IN THIS DATASHEET ARE SUBJECT TO CHANGE WITHOUT NOTICE.