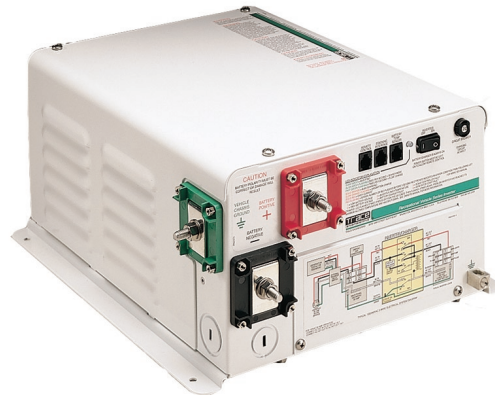


RV Series 2512

xantrex

2500-watt Inverter with 120-amp Charger



Reliable AC Power for Recreational Vehicles

Feature-rich and easy to install, the RV2512 produces 2500 watts of continuous, modified sine wave power from a 12-volt battery bank. It is ideal for simultaneous applications including microwaves, TV entertainment systems, fax machines, computers, and power tools. Designed for use with electricity supplied from your generator or RV campground hookup, the RV2512 provides automatic, multistage charging, manual battery equalization and temperature sensitive charging for optimal care of your batteries. It also incorporates a built-in transfer switch that automatically transfers between inverter incoming AC power.

For inverter/charger on/off control and basic system monitoring, use the RC6 remote. All RV Series products have a built-in shunt, which when paired with the optional RC7 series of remotes enables advanced battery monitoring and inverter/charger control. They also have the necessary built-in hardware to be connected to your generator, enabling automatic generator starting when paired with the optional RC7/GS remote panel.

Product Features

- ▶ 2500 watt inverter (48 amp AC surge capability)
- ▶ 120 amp automatic charger
- ▶ Three-stage battery charger recharges batteries quickly and accurately
- ▶ Can be installed to transfer 30 amp or 50 amp service
- ▶ Power sharing prevents source AC input circuit breaker from tripping
- ▶ Built-in shunt enables battery fuel gauge display (requires RC7 or RC7/GS)
- ▶ Built-in automatic starting system for generators (requires RC7/GS)
- ▶ 30 months warranty

Accessories

- ▶ Compatible with RC Series Instrumentation (RC6, RC7 and RC7/GS)
- ▶ Battery Temperature Sensor available in 15, 25 and 35 foot lengths

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Electrical Specifications - Inverter

Output power AC (max. continuous)	2500 watts
Surge rating (AC amps)	48 A
Output frequency	60 Hz +/- 0.4%
Output waveform	Modified sine wave
Peak efficiency	94%
AC output connections	Dual
AC input connections	Dual
AC transfer switch	50 A

Electrical Specifications - Charger

AC input voltage	120 VAC
DC input voltage range	10.2 - 15.5 VDC
Battery voltage (nominal)	12 VDC
Max charge output DC amps	120 A
Charge Control	3-Stage
Battery type settings	Wet/Gel/AGM
Equalization	Yes
Temperature sensitive charging	Yes

General Specifications

Operating temperature range	32°F-104°F (0°C-40°C)
Optional remotes	RC6, RC7, RC7/GS
Optional battery temperature sensor	15, 25 and 35 foot lengths
Recommended Class T DC Fuse	300 A
Dimensions (H x W x L)	7.25 x 13.12 x 13.9" (180 x 333 x 352 mm)
Weight	50 lb (22.7 kg)
Warranty	30 months
Part numbers	RV2512
	RC6/50 (on/off control, LED, 50' plug-in cord)
	RC7/50 (on/off control and setup, state of charge, LCD, 50' plug-in)
	RC7/GS/50 (on/off control and setup, state of charge, LCD, AGS, 50' plug-in)
	130-0004-01-01 (15' battery temperature sensor)
	130-0004-02-01 (25' battery temperature sensor)
	130-0004-03-01 (35' battery temperature sensor)

Regulatory Approvals

UL and CUL listed to UL 458

Note: Specifications subject to change without notice.