

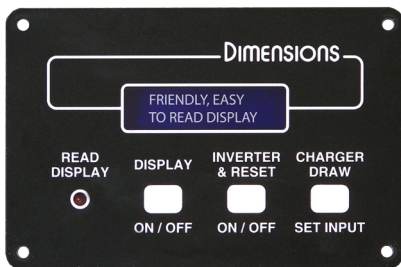


DIMENSIONS® | WIN-12X20B3R1T Series Recreational Vehicle DC to AC Power Inverters

Features & Highlights



- Automatic fail-safe transfer (T) of shore power to allow the RV access to shore power even if the inverter fails
- High inrush current capacity that supports loads with high start up current
- LCD remote control panel (R1) that is easy to read and ready to go (requires no programming). Includes master disconnect feature. Battery charger draw current from 25 to 0 amps in 5 amp increments.
- Battery charger (B3) – 3 step (bulk, accept, & float) and temperature compensated
- Automatic battery conditioning for every 10th cycle that helps extend the life of batteries
- Available automatic AC line input sensing, allows connection only in range of power
- Automatic electronic short circuit/overload protection and high temperature shutdown
- Output circuit breaker
- Automatic low battery shutdown at 10.5 VDC (with in-rush delay)
- Usage: Any 120 VAC, 60 Hz single phase product within the inverter's power rating that does not require a pure sine waveform
- ISO 9001:2000 certified manufacturing facilities
- UL 458 approved for land vehicle use
- Warranty: Full 1 year parts and factory labor



INVERTER SPECIFICATIONS

MODEL NUMBER	WIN-12X20B3R1T
Output Power (Watts Cont.)	2,000
Output Voltage (Volts AC)	120 RMS \pm 5%
Output Frequency (Hz)	60Hz \pm 0.05%
Output Waveform	Quasi-sine wave, with waveform stabilizer
Input Voltage (Volts DC)	11 to 14
Output Current (Amps AC)	Up to 16.5
Peak Output (Amps AC)	70
Input Current (Amps DC)	Up to 200
Operating Temperature	-20°C to 40°C (0°F to 104°F)
Efficiency	Up to 93%
Weight (lbs)	43
Dimensions (LxWxH, inches)	14.5 x 11.5 x 7.75
Battery Charger Output (Amp DC)	Up to 100
Transfer Relay	Fail-safe shore power transfer relay
Relay Current Rating (Amps AC)	30
Relay Transfer Time (milliseconds)	Less than 16 typical

Limited Warranty Terms & Conditions

SHIPPING TERMS

F.O.B. St. Paul Minnesota. Freight prepaid and billed, subject to prior credit approval.

MINIMUM ORDER

\$50.00 Net Price

LOSS OR DAMAGE

Loss or damage in transit are the responsibility of the carrier. Any claim should be filed with the delivering transport company. Invoice, Bill of Lading and Delivery receipt with damage noted therein must accompany any claims for freight damage. Claims for shortage and lost shipments must be made in writing to Sensata Technologies, Power Controls White Bear, St. Paul, MN within 10 days of date of shipment. Claims not reported within this time frame will not be honored.

PRICES

Prices are subject to change without notice. All orders are subject to acceptance at the factory. We reserve the right to invoice prices in effect at time of shipment.

TERMS

Net 30 days with approved credit, credit card or C.O.D.

RETURN GOODS POLICY

- No returned materials will be accepted without an accompanying Returned Materials Authorization Number (RMA) from the factory.
- Clearly mark RMA # on outside of the return package and include RMA # on all shipping paperwork.
- Credit will be issued for returned goods to the original purchaser within 60 days of purchase, provided the inverter is returned to Sensata unused and not mounted. The amount of credit will be issued at Sensata's discretion based on the condition of the product.
- Customer must be in good standing with Sensata Technologies.
- Inverters that are discontinued, high-voltage (over 24vdc), special-order or used are excluded and will not be eligible for credit. Non-inverter items such as cable assemblies, fuses and fuse holders, will not be eligible for credit
- Support components supplied by Sensata vendors will be covered under that manufacturer's credit return policy.
- Customer pays return freight.

PLEASE SHIP AUTHORIZED RETURNS TO:

Sensata Technologies | Power Controls White Bear | 4467 White Bear Parkway | St. Paul, MN 55110
Return Freight Prepaid

LIMITED WARRANTY

Sensata Technologies extends the following warranty to the original purchaser of those goods subject to the qualifications indicated. Sensata warrants to the original purchaser for use that the goods or any component thereof manufactured by Sensata will be free from defects in workmanship from the date of purchase for the period listed on the product label, provided such goods are installed, maintained and used in accordance with Sensata and the original manufacturer's written instructions. Damages caused by the misuse, undue care or obvious wear through use will not be covered by this warranty.

Components not manufactured by Sensata, but used within the assembly provided by Sensata, are subject to the warranty period as specified by the individual manufacturer of said component, provided such goods are installed, maintained and used in accordance with Sensata and the manufacturer's written instructions.

Sensata sole liability and the Purchaser's sole remedy for a failure of goods under this limited warranty and for any and all claims arising out of the purchase and use of the goods, shall be limited to the repair or replacement of the goods that do not conform to this warranty.

To obtain repair or replacement service under the limited warranty, the purchaser must contact the factory for a Return Material Authorization (RMA). Once obtained, send the Return Material Authorization Number along with the defective part or goods to: Sensata Technologies, Power Controls White Bear, 4467 White Bear Parkway, St. Paul, MN 55110 Return Freight Prepaid

THERE ARE NO EXPRESS WARRANTIES COVERING THESE GOODS OTHER THAN AS SET FORTH ABOVE. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO ONE YEAR FROM DATE OF PURCHASE.

SENSATA TECHNOLOGIES ASSUMES NO LIABILITY IN CONNECTION WITH THE INSTALLATION OR USE OF THE PRODUCT, EXCEPT AS STATED IN THIS LIMITED WARRANTY. SENSATA TECHNOLOGIES WILL IN NO EVENT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

WARNING: LIMITATIONS ON USE

DIMENSIONS® brand products are not intended for use in connection with Life Support Systems and for Avionic use. Sensata Technologies makes no warranty or representation in connection with their products for such uses.



SENSATA TECHNOLOGIES

Power Controls White Bear
4467 White Bear Parkway
St. Paul, MN 55110 USA
1-651-653-7000 (Main)
1-651-653-7600 (Fax)
<http://dimensions.sensata.com/>
<http://www.sensata.com/>

Important Notice: Sensata Technologies (Sensata) reserves the right to make changes to or discontinue any product or service identified in this publication without notice. Sensata advises its customers to obtain the latest version of the relevant information to verify, before placing any orders, that the information being relied upon is current. Sensata assumes no responsibility for infringement of patents or rights of others based on Sensata applications assistance or product specifications since Sensata does not possess full access concerning the use or application of customers' products. Sensata also assumes no responsibility for customers' product designs.