



Main

Range of product	Xantrex TR
Device short name	TR1524-120-60
Product or component type	Trace Series inverter / charger
Type of signal	Modified sine wave - invert mode
Continuous power	1500 VA (output) - invert mode 3000 VA overload 10 s

Complementary

Output voltage	120 V rms AC - invert mode
Output current	12.5 A
Peak output current	50 A +/- 10 % - short circuit 10 s
Network frequency	60 Hz
Power range	5...240 W - invert mode
Cos phi	0.8...1 leading or lagging - invert mode <= 0.88 (input) - bypass/charge mode
Input voltage limits	65...140 V AC wide-charge - bypass/charge mode 95...140 V AC narrow-charge - bypass/charge mode 22...30 V DC - invert mode
Input current	0.17 A DC no load - search mode - invert mode 76 A DC rated current - invert mode 10.2 A AC maximum charge rate - bypass/charge mode
Input frequency	55...64 Hz AC narrow-charge & pass-through - bypass/charge mode 55...68 Hz AC wide-charge - bypass/charge mode 41...68 Hz AC wide pass-through - bypass/charge mode
Charging current	5...35 A DC adjustable - bypass/charge mode
Efficiency	> 92 % peak - invert mode
Relay type	Automatic transfert relay 30 A
Transfer time	< 40 ms wide-charge < 20 ms narrow-charge
Device mounting	Wall mounted
Provided equipment	Battery temperature sensor included for temperature compensation
Height	184 mm
Width	216 mm
Length	546 mm
Product weight	18 kg

Environment

Ambient air temperature for operation	0...50 °C
Standards	CSA 107.1 UL 1741
Product certifications	CSA FCC Class B Industry Canada
Marking	CE

For product and purchasing inquiries contact:

ecoDIRECT

CLEAN ENERGY SOLUTIONS

www.ecodirect.com

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.