



Main

Range of product	Xantrex TR
Device short name	TR1524-230-50
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	230 V rms AC - invert mode
Output current	6.5 A
Peak output current	26.5 A +/- 2.5 A - short circuit 10 s
Network frequency	50 Hz
Power range	10...480 W - invert mode
Cos phi	0.8...1 leading or lagging - invert mode <= 0.83 (input) - bypass/charge mode
Input voltage limits	22...30 V DC - invert mode 120...253 V AC wide-charge - bypass/charge mode 180...253 V AC narrow-charge - bypass/charge mode
Input current	0.2 A DC no load - search mode - invert mode 77 A DC rated current - invert mode 6 A AC maximum charge rate - bypass/charge mode
Input frequency	41...68 Hz AC wide pass-through - bypass/charge mode 45...55 Hz AC narrow-charge & pass-through - bypass/charge mode 45...68 Hz AC wide-charge - bypass/charge mode
Charging current	5...35 A DC adjustable - bypass/charge mode
Efficiency	> 91 % peak - invert mode
Relay type	Automatic transfert relay 15 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	19 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