



### Main

Range of product	Xantrex TR
Device short name	TR2424-230-50
Product or component type	Trace Series inverter / charger
Type of signal	Modified sine wave - invert mode
Continuous power	2400 VA (output) - invert mode 4800 VA overload 10 s

### Complementary

Output voltage	230 V rms AC - invert mode
Output current	10.4 A
Peak output current	42 A +/- 4 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 0.92 (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 121 A DC rated current - invert mode 10.4 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	10...70 A DC adjustable - bypass/charge mode
Efficiency	> 94 % 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