



Main

Range of product	Xantrex TR
Device short name	TR2412-120-60
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	120 V rms AC - invert mode
Output current	20 A
Peak output current	80 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 0.89 (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 11...15 V DC - invert mode
Input current	0.35 A DC no load - search mode - invert mode 252 A DC rated current - invert mode 15.8 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	14...100 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	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

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