Product data sheet
Characteristics

865-1040
Xantrex XW - hybrid inverter / charger
XW4548-230-50 - input: 96A DC

Main

Range of product	Xantrex XW
Device short name	XW4548-230-50
Product or component type	Hybrid inverter / charger
Network number of phases	Single phase
Type of signal	True sine wave
Continuous power	4500 W AC - 230 V)

Complementary

Output current	19.6 A
Feature available	40 A - 20 s
Network frequency	50 Hz +/- 0.1 Hz (output)
Cos phi	0.98
Harmonic distortion	< 5 %
Input voltage	50.4 V DC 230 V AC
Input voltage limits	44...64 V DC 156...280 V AC - bypass/charge mode
Input current	96 A DC at rated power
Input frequency	59.4...60.4 Hz +/- 0.05 Hz - sell mode 55...65 Hz - bypass/charge mode (default) 44...70 Hz - bypass/charge mode (allowable)
Charging current	85 A
Efficiency	95.6 % peak
Power consumption in W	< 7 W - search mode
Communication network type	Xanbus
Device mounting	Wall mounted
Provided equipment	Battery temperature sensor included for temperature compensation
Height	580 mm
Width	410 mm
Depth	230 mm
Product weight	53.5 kg

Environment

IP degree of protection	IP20
Ambient air temperature for operation	-25...70 °C
Electromagnetic compatibility	Immunity for residential, commercial and light-industrial environments EN 61000-6-1 Emission standard for residential, commercial and light-industrial environments EN 61000-6-3 Limits for harmonic current emissions EN 61000-3-2 Requirements for household appliances, electric tools and similar apparatus EN 61000-3-3
Standards	EN 50178
Product certifications	CE