



Main

Range of product	Xantrex XW
Device short name	XW4024-120/240-60
Product or component type	Hybrid inverter / charger
Network number of phases	Single phase
Type of signal	True sine wave
Continuous power	4000 W AC - 120 V) 4000 W AC - 240 V)

Complementary

Feature available	70 A - phase to neutral (L-N) - 20 s 35 A - phase to phase (L-L) - 20 s
Network frequency	60 Hz +/- 0.1 Hz (output)
Cos phi	0.98
Harmonic distortion	< 5 %
Input voltage	120 V AC (L-N) - bypass/charge mode 240 V AC (L-L) - bypass/charge mode 25.2 V DC
Input voltage limits	80...150 V AC (L-N) - bypass/charge mode 160...270 V AC (L-L) - bypass/charge mode 108...130 V +/- 1.5 V AC (L-N) - sell mode 214...260 V +/- 3.0 V AC (L-L) - sell mode 22...32 V DC
Input current	178 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	150 A
Efficiency	94 % - low-load 91 % CEC weighted 85.8 % - maximum charge rate
Power consumption in W	< 8 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	52.5 kg

Environment

NEMA degree of protection	NEMA Type 1
Ambient air temperature for operation	-25...70 °C
Standards	CSA 107.1 UL 1741
Product certifications	FCC Class B

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