



Main

Range of product	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 - 120 V AC (tolerance: +/- 3 %) 4000 W - 240 V AC (tolerance: +/- 3 %)

Complementary

Feature available	35 A for phase to phase (L-L), duration : 20 s 70 A for phase to neutral (L-N), duration : 20 s
Network frequency	60 Hz +/- 0.1 Hz (output)
Cos phi	0.98
Harmonic distortion	< 5 %
Input voltage	25.2 V DC 240 V AC (L-L) - bypass/charge mode 120 V AC (L-N) - bypass/charge mode
Input voltage limits	22...32 V DC 214...260 V +/- 3.0 V AC (L-L) - sell mode 108...130 V +/- 1.5 V AC (L-N) - sell mode 160...270 V AC (L-L) - bypass/charge mode 80...150 V AC (L-N) - bypass/charge mode
Input current	178 A DC at rated power
Input frequency	44...70 Hz - bypass/charge mode (allowable) 55...65 Hz - bypass/charge mode (default) 59.4...60.4 Hz +/- 0.05 Hz - sell mode
Charging current	150 A
Efficiency	85.8 % - maximum charge rate 91 % CEC weighted 94 % - low-load
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	UL 1741 CSA C22.2 No 107.1
Product certifications	FCC Class B

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Contractual warranty

Period	60 months
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