



Main

Range of product	XW
Device short name	XW6048-120/240-60
Product or component type	Hybrid inverter / charger
Network number of phases	Single phase
Type of signal	True sine wave
Continuous power	6000 W - 120 V AC (tolerance: +/- 3 %) 5752 W - 240 V AC (tolerance: +/- 3 %)

Complementary

Feature available	52.5 A for phase to phase (L-L), duration : 15 s 105 A for phase to neutral (L-N), duration : 15 s
Network frequency	60 Hz +/- 0.1 Hz (output)
Cos phi	0.98
Harmonic distortion	< 5 %
Input voltage	240 V AC (L-L) - bypass/charge mode 120 V AC (L-N) - bypass/charge mode 50.4 V DC
Input voltage limits	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 44...64 V DC
Input current	130 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	100 A
Efficiency	89.4 % - maximum charge rate 92.5 % CEC weighted 95 % - 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	55.2 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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