



### Main

Range of product	XW
Device short name	XW6048-230-50
Product or component type	Hybrid inverter / charger
Network number of phases	Single phase
Type of signal	True sine wave
Continuous power	6000 W - 230 V AC (tolerance: +/- 3 %)

### Complementary

Output current	26.1 A
Feature available	53 A, duration : 15 s
Network frequency	50 Hz +/- 0.1 Hz (output)
Cos phi	0.98
Harmonic distortion	< 5 %
Input voltage	230 V AC 50.4 V DC
Input voltage limits	156...280 V AC - bypass/charge mode 44...64 V DC
Input current	131 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	95.4 % 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	55.2 kg

### Environment

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

## Contractual warranty

Period	60 months
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