

# Product data sheet

## Characteristics

865-1010-01

Xantrex XW - hybrid inverter / charger  
XW6048-120/240-60 - input: 130A DC



t. 866. 258. 0110  
f. 866. 437. 5531  
e. sales@hespv.ca  
w. hespv.ca



### Main

Range of product	Xantrex 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 AC - 120 V) 5752 W AC - 240 V)

### Complementary

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

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.