



XHUB



Integration & Compatibility

- Common communication protocols for hybrid inverters, EV chargers, heat pumps, and string inverters.



Energy Optimization

- Support for dynamic electricity tariffs, intelligent control to maximize self-consumption, and dynamic power adjustment based on PV surplus.



Home Appliance Control

- Open third-party ecosystem for household appliance integration to maximize the use of self-generated electricity.



Compliance to Grid

- Grid-friendly control of devices with power adjustments during grid overloads.

XHUB

GENERAL

Dimension(W × H × D)	126 x 100 x 65 mm
Installation Method	DIN-rail Mounting
Weight	600 g

POWER SUPPLY

AC Input Voltage	1P2W: 100 ~ 240 V, 50 Hz / 60 Hz; 3P4W: 100 ~ 240 V, 50 Hz / 60 Hz;
Power Consumption	5 W typical (8 W peak)

INTERFACE

LAN	10 / 100 Mbps
WAN	10 / 100 Mbps
WiFi	802.11 b/g/n (2.412 GHz ~ 2.484 GHz)
Bluetooth	BLE 5.1 (2.402 GHz ~ 2.480 GHz)
RS485	RS485 x 2
Digital Inputs	DI x 4
Digital Outputs	DO x 4
Analog Input	AI x 2

INTERACTION

LED	LED Indicator × 3 (RUN, ALM, COM)
Button	RST
APP	SolaXCloud

MEASUREMENT RANGE

Current range	Direct connection: < 80 A, external CT : > 80 A
Voltage range	1P2W (L - N): 100 ~ 300 Vac; 3P4W (L - N): 100 ~ 300 Vac
Energy accuracy	±1%

ENVIRONMENT LIMIT

Operating Temperature	-20 ~ 60°C
Relative humidity	5 ~ 95% RH (non-condensing)
Max. operating altitude	3000 m
Degree of protection	IP20

COMPLIANCE

Compliance	CE, RCM, Telec, PSTI
------------	----------------------