

CH1000

Control Hub



Product advantages

- Support monitoring via cloud or mobile APP. Device include inverter, battery, energy meter, EV charger, heat pump.
- Built-in EMS function include self-consumption, time of use mode, scheduled charging and discharging, VPP access.
- Emergency power off, millisecond power controlling.



Model		CH1000
Communication to Inverter		
Max. number of connected devices		60pcs
To Micro inverter		868/915Mhz, 802.15.4
To Residential & Commercial & Industrial inverter		RS485
Power Supply (Adapter)		
Type		External Adapter
Adapter input voltage/frequency		100 to 240 V AC / 50 or 60 Hz
Adapter output voltage/current		12V/2A
Power consumption		Typical. 5.0W
Internet Connection Options		
Wi-Fi		2.4G, 802.11b/g/n
Mobile		Optional, LTE CAT.4
Ethernet		RJ45 × 2, 10M/100Mbps
Other Interface		
RS485		COM × 3, Modbus-RTU
DRM		RJ45 × 1, DRM0/5/6/7/8
Analog Signal Input		×4, 4~20mA
Digital Signal Output		× 2, Dry Contact
Digital Signal Input		× 4, Dry Contact
Interaction		
LED		LED ×3
APP		SofarCloud
Mechanical Data		
Operating temperature range		-30 to +65°C
Environmental rating		IP20
Dimensions (L × W × H)		217 × 125 × 34mm
Weight		0.5kg
Altitude		3000m
Installation method		Wall mounting / Desktop mounting / DIN rail
Compliance		
Certificates		IEC61000-6-1/2/3/4, CE-RED, RoHS
Inverter Compatibility		
Inverter model		SOFAR 3.3-12KTLX-G3 / 15-24KTLX-G3 / 15-25KTLX-G3P / 25-50KTLX-G3 / 60-80KTLX-G3 / 100-125KTLX-G4 / 250-255KTL-HV / 250-350KTLX0

*All specifications are subject to change without notice.