# CH1000

## ControlHub




## Product advantages

- Support monitoring via cloud or mobile APP. Device include inverter, battery, meter
- Built-in EMS function include Self-consumption, VPP access, time of use mode
- Rapid shut down, millisecond level scheduling



| Model | CH1000 |
|---|---|
| **Communication to Inverter** | |
| Max. number of connected devices | 60pcs |
| To Micro inverter | 868 / 915Mhz, 802.15.4 |
| To 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 |
| Ethernet | RJ45 × 2, 100Mbps |
| 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 | SOFAR Cloud |
| **Mechanical Data** | |
| Operating temperature range | -30 to +65℃ |
| Environmental rating | IP20 |
| Dimensions (L × W × H) | 217×125×34mm |
| Altitude | 3000m |
| Installation method | Wall mounting / Desktop mounting / DIN rail |
| **Compliance** | |
| Certificates | IEC61000-6-1/2/3/4, CE-RED, RoHS |
| **Inverter Compatibility** | |
| Micro inverter model | MR500 / MR1000 / MR2000 |
| Commercial&Industrial inverter model | 25-50KTLX-G3 / 60-80KTLX-G3 / 100-125KTLX-G4 |

*All specifications are subject to change without notice.