

HOPEWIND

SMART DATA COLLECTOR

hopeComBox 1000-G03



TIER 1
BloombergNEF

Hopewind is ranked as
Tier 1 Solar Inverter Maker by BNEF

FEATURES



Flexible Networking

- Support 8 RS485, Ethernet, Wi-Fi multiple communication interfaces
- Support multiple types of devices access and data forwarding
- Support IEC 104, Modbus-TCP, IEC 61850 and other communication protocols



Convenient O&M

- Support both APP remote monitoring and local monitoring
- Support automatic addresses assignment for inverters
- Support connection with up to 40 inverters
- Equipped with 8 DI, 6 DO, 6 AI, 6 AO interfaces

PARAMETERS

| Model | hopeComBox1000-G03 |
|-------------------------------------|---------------------------------|
| Devices Regulation | |
| Max. Number of Inverter Connection | 40 |
| Networking | RS485 / PLC / RJ45 / 4G / Wi-Fi |
| Communication Interface | |
| PLC Interface | 800 V AC |
| RS485 Interface | COM × 8 |
| Ethernet Interface ^① | ETH × 2 |
| Power Supply | |
| AC Input | 220 V AC, 50 / 60 Hz |
| Grid Type | Single phase, L + N + PE |
| General Parameters | |
| Operating Temperature | -40~+65°C |
| Storage Temperature | -40~+70°C |
| Operating Humidity | 5~95% (non condensation) |
| Operating Altitude | ≤ 4000 m |
| Ingress Protection Class | IP65 |
| Installation Methods | Wall-Mounted, Pole-Mounted |
| Mechanical Parameters | |
| Dimensions (W × H × D) ^② | 410 × 430 × 130 mm |
| Weight | ≤ 15 kg |

① One of the Ethernet interface is exclusively for local debugging.

② Dimensions exclude some components such as mounting lugs and handles. Dimensional error: ±10 mm.

