

hopeDongle G02-WiLAN



TIER 1
BloombergNEF

Hopewind is ranked as
Tier 1 Solar Inverter Maker by BNEF

FEATURES



Easy to Use

- Plug and play, quick installation
- Supports cloud platform monitoring services
- Supports remote modify local parameters
- Supports remote firmware upgrade



Flexible

- Supports multiple data formats
- Supports fast adaptation of all kinds of equipment



Stable

- Industrial components and designs, wide temperature range
- Password and encrypted transmission for data protection
- Real-time detection of online status

PARAMETERS

| Model | hopeDongle-G02-WiLAN |
|--------------------------------|---|
| External Interface | |
| Docking Method | USB for connecting, RJ45 for Networking |
| Operating Button | RESET |
| Operating Indicator | LED indicator |
| General Parameters | |
| Dimensions (W × H × D) | 165 × 50 × 33.6 mm |
| Weight | 80 g |
| Ingress Protection | IP66 |
| Rated Voltage | DC5~15 V |
| Max. Current | 170 mA (DC12V) |
| Operating Temperature | -30~+65°C |
| Storage Temperature | -40~+85°C |
| Hardware Parameters | |
| Data Input Mode | RS485 (9600bps) |
| Data Output Mode | Wi-Fi |
| Wi-Fi Parameters | |
| Operating Frequency | 2.412~2.472GHz |
| Wireless Standard | 802.11 b/g/n |
| Data Transmission Rate | 11Mbps@11b, 54Mbps@11g |
| Operating Mode | AP + STA (coexistence mode) |
| Software Parameters | |
| Supported Device Protocols | Modbus-RTU |
| Software Watchdog | Support |
| Data Upload Cycles | 5 minutes (default) |
| Parameter Configuration Method | Hopewind cloud APP |
| Cloud Platform | Hopewind cloud |
| Others | |
| Certification | CE (IEC-60529, IEC-62311, IEC-62368, EMC), EN (55032, 62311), RED |

