

HOPEWIND

SMART DONGLE

hopeDongle G02-WiFi



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-WiFi
External Interface	
Docking Method	USB
Operating Button	RESET
Operating Indicator	LED indicator
General Parameters	
Dimensions (W × H × D)	118 × 49 × 33.5 mm
Weight	70 g
Ingress Protection	IP66
Rated Voltage	DC5~15 V
Max. Current	125 mA (DC12 V)
Operating Temperature	-30~+65°C
Storage Temperature	-40~+85°C
Hardware Parameters	
Data Input Mode	RS485 (9600 bps)
Data Output Mode	Wi-Fi
Wi-Fi Parameters	
Operating Frequency	2.412~2.472 GHz
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	hopeCloud APP
Cloud Platform	hopeCloud
Others	
Certification	CE (IEC-60529, IEC-62311, IEC-62368, EMC), EN (300328, 55032), RED

