

# Smart Dongle-4G / WLAN



## Easy Installation

- Plug-and-play with USB interface
- Support max.10 devices (inverters included) for internal and external transmission, lower cost on data transmission

## Smart Management

- Support 2G, 3G, 4G (for 4G model) / WLAN (for WLAN model) for data transmission
- Support operation status management via management system & mobile APP
- Support direct connection to 3<sup>rd</sup>-party monitoring system <sup>1</sup>

## Reliable Operation

- Support data encryption for transmission, ensuring data safety
- Auto-reconnection & data complementation after data chain breakage for accurate and reliable data transmission

| Technical Specifications                                 | Smart Dongle-4G  | Smart Dongle-WLAN           |
|--|--|-----------------------------|
| <b>General Parameter</b>                                 |  |                             |
| Max. inverter number supported                           | 10 Pcs (Inverters connected via RS485)   |                             |
| Connection interface                                     | USB  |                             |
| Installation   | Plug-and-play <sup>2</sup>   |                             |
| Indicator  | LED Indicator  |                             |
| Dimensions (W * H * D)                                   | 130 * 48 * 33 mm (5.1 * 1.9 * 1.3 inch)  |                             |
| Weight   | 90 g   |                             |
| Protection degree  | IP65   |                             |
| Power consumption (typical)                              | 3.5 W  | 2 W                         |
| <b>Wireless Parameters</b>                               |  |                             |
| Sim card type  | mini-sim (15 mm*25 mm)   | /                           |
| Support standard & frequency                             | 4G: FDD-LTE / TDD-LTE<br>3G: WCDMA / HSDPA / HSUPA / HSPA+<br>2G: GSM / GPRS / EDGE<br>For recommended carriers list and details on supported frequencies, please contact local distributors | 802.11 b / g / n<br>2.4 GHz |
| <b>Working Environment</b>                               |  |                             |
| Operation temperature range                              | -30 °C to +65 °C   |                             |
| Relative humidity  | 5 - 95% RH   |                             |
| Storage temperature range                                | -40°C to +70°C   |                             |
| Max. operating altitude                                  | 4,000 m (13,123 ft.)   |                             |
| <b>Standard Compliance (more available upon request)</b> |  |                             |
| Certificate  | CE; RCM; KC; TELEC, JATE   | CE; RCM                     |

1: 3<sup>rd</sup>-party management system shall match the communication protocol with Huawei Smart Dongle

2: Smart Dongle-4G / WLAN can be adapted in SUN2000-3 / 4 / 5 / 6 / 8 / 10KTL-M0, new SUN2000-8 / 10 / 12KTL, SUN2000-15 / 17 / 20KTL-M0 & SUN2000-50 / 60KTL-M0.