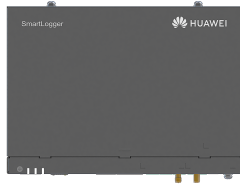
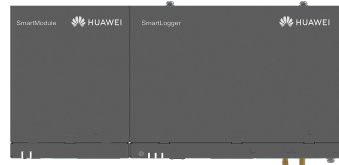


# SmartLogger3000B



Without SmartModule1000A



With SmartModule1000A



## Smart

Connecting up to 200 devices,  
One-click commissioning



## Simple

Deployment wizard allowed, including  
parameters configuration, devices connection



## Reliable

Safety improvement  
by lightning protection module

## Technical Specifications

| Model                                                     | SmartLogger3000B                                           | SmartLogger3000B<br>with SmartModule1000A |
|-----------------------------------------------------------|------------------------------------------------------------|-------------------------------------------|
| Device Management                                         |                                                            |                                           |
| Max. Manageable Devices                                   | 200                                                        |                                           |
| Max. Manageable Smart String Inverters <sup>1</sup>       | 150                                                        |                                           |
| Max. Manageable Smart PCS / Smart String ESS <sup>1</sup> | 44 / 24                                                    |                                           |
| Communication Interface                                   |                                                            |                                           |
| WAN                                                       | WAN x 1, 10 / 100 / 1,000 Mbps                             |                                           |
| LAN                                                       | LAN x 1, 10 / 100 / 1,000 Mbps                             | LAN x 3, 10 / 100 / 1,000 Mbps            |
| Optical Ethernet                                          | SFP x 2, 100 / 1,000 Mbps                                  |                                           |
| MBUS                                                      | MBUS x 1, 115.2 kbps, Compatible with PLC                  |                                           |
| RS485                                                     | COM x 3                                                    | COM x 6                                   |
| Digital / Analog Input / Output                           | DI x 4, DO x 2, AI x 4                                     | DI x 8, DO x 2, AI x 7                    |
| PT100 / PT1000                                            | 0                                                          | 2                                         |
| Active DO                                                 | 12 V, 100 mA (connection with relay, sensor)               |                                           |
| Communication Protocol                                    |                                                            |                                           |
| Ethernet                                                  | Modbus-TCP, IEC 60870-5-104                                |                                           |
| RS485                                                     | Modbus-RTU, IEC 60870-5-103 (standard), DL / T645          |                                           |
| Interaction                                               |                                                            |                                           |
| LED                                                       | LED Indicator x 3                                          | LED Indicator x 5                         |
| WEB                                                       | Embedded Web                                               |                                           |
| USB                                                       | USB 2.0 x 1                                                |                                           |
| APP                                                       | Communication by WLAN for commissioning                    |                                           |
| Environment                                               |                                                            |                                           |
| Operating Temperature Range                               | -40℃ ~ 60℃                                                 |                                           |
| Storage Temperature Range                                 | -40℃ ~ 70℃                                                 |                                           |
| Relative Humidity                                         | 5% ~ 95% (Non-condensing)                                  |                                           |
| Max. Operating Altitude                                   | 4,000 m                                                    |                                           |
| Electrical                                                |                                                            |                                           |
| Power Adapter                                             | AC input: 100 V~240 V, 50 Hz / 60 Hz; DC output: 12 V, 2 A |                                           |
| DC Power Supply                                           | 24 V, 0.8 A                                                |                                           |
| Power Consumption                                         | Typical 9 W, Max. 15 W                                     | Typical 10 W, Max. 18 W                   |
| Mechanical                                                |                                                            |                                           |
| Dimensions (W x H x D, without mounting ears)             | 225 x 160 x 44 mm                                          | 350 x 160 x 44 mm                         |
| Weight                                                    | 2 kg                                                       | 3 kg                                      |
| Protection Degree                                         | IP20                                                       |                                           |
| Installation Options                                      | Wall Mounting, DIN Rail Mounting, Tabletop Mounting        |                                           |

1: One smartlogger supports max. manageable devices for either smart string inverter or Smart string ESS in one power block