

SmartLogger1000



Smart

- Modbus-TCP for connections to Huawei NetEco
- IEC60870-5-104 for connections to third-party monitoring systems
- USB and embedded web for data reading and software upgrade
- Automatically detecting facilities and mapping RS485 addresses
- Remote control of active & reactive power

Simple

- Up to 80 inverters per SmartLogger1000
- Up to 30 devices per RS485 bus
- Easy to install on walls, tabletops and rails

Reliable

- Max. reliable communication range of 1,000m

| Technical Specifications | SmartLogger1000 |
|---|---|
| | Device Management |
| Max. Number of Manageable Devices | 80 |
| Max. Number of Manageable Smart Inverters | 80 |
| | Communication Interface |
| Electrical Ethernet | ETH x 1, 10 / 100 Mbps |
| RS485 | COM x 3, 2400 / 4800 / 9600 / 19200 / 115200 bps |
| Digital / Analog Input / Output | DI x 4, DO x 3, AI x 2 |
| | Communication Protocol |
| Ethernet | Modbus-TCP, IEC 60870-5-104 |
| RS485 | Modbus-RTU, IEC 60870-5-103 (standard), DL / T645 |
| | Interaction |
| LCD | 3.5 inch Graphic LCD |
| LED | LED Indicator x 3 |
| WEB | Embedded WEB |
| USB | USB2.0 x 1 |
| | Environment |
| Operating Temperature | -20 °C ~ 60 °C (4 °F ~ 140 °F) |
| Relative Humidity | 5% ~ 95% |
| Max. Operating Altitude (Non-condensing) | 4,000 m (13,123 ft.) |
| | Mechanical |
| Power Supply | 100 Vac ~ 240 Vac, 50 Hz / 60 Hz |
| Power Consumption | Typical 3 W, Max. 7 W |
| Dimensions (W x H x D) | 225 x 140 x 50 mm (8.9 x 5.5 x 2.0 inch) |
| Weight | 0.5 kg (1.1 lb.) |
| Protection Rating | IP20 |
| Installation Option | Wall Mounting, Rail Mounting, Tabletop Mounting |

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