SmartLogger3000B



Without SmartModule1000A



With SmartModule1000A



Smart



Simple



Reliable

Connecting up to 150 inverters, One-click commissioning Deployment wizard allowed, including parameters configuration, devices connection

Safety improvement with built-in lightning protection module

| Technical Specification | SmartLogger3000B | SmartLogger3000B SmartModule1000A |
|-------------------------------------|--|--|
| | Device Management | |
| Max. Number of Manageable Devices | 200 | |
| Max. Number of Manageable Inverters | 150 | |
| | 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, 1,200 / 2,400 / 4,800 / 9,600 / 19,200 / 115,200 bps | COM x 6 ,200 / 2,400 / 4,800 / 9,600 / 19,200 / 115,200 b |
| 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) | |
| Lighting Protection Module | Yes | |
| | 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°C ~ 60°C (-40°F ~ 140°F) | |
| Storage Temperature | -40°C ~ 70°C (-40°F ~ 158°F) | |
| Relative Humidity (Non-condensing) | 5% ~ 95% | |
| Max. Operating Altitude | 4,000 m (13,123 ft.) | |
| | Electrical | |
| AC Power Supply | 100 V ~ 240 V, 50 Hz / 60 Hz | |
| 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) | 225 x 160 x 44 mm (8.9 x 6.3 x 1.7 inch) Without mounting ears | 350 x 160 x 44 mm (13.8 x 6.3 x 1.7 inch) Without mounting ears |
| Weight | 2 kg (4.4 lb.) | 3 kg (6.6 lb.) |
| Protection Degree | IP20 | |
| Installation Options | Wall Mounting, DIN Rail Mounting, Tabletop Mounting, Integrated Inside SmartACU2000D | |