SmartLogger2000

**Smart**
- Functioning as communication manager, data logger, PLC master and Ethernet switch
- Multiple communication interfaces including PLC, RS485, Fast Ethernet, and SFP ports, flexible applications
- STP and RSTP supported for fiber ring network and ring protection
- Bluetooth, embedded WEB and USB supported, user-friendly
- Fast and reliable active and reactive power compensation control
- Smart I-V Curve Diagnosis supported

**Simple**
- Up to 200 devices supported, including up to 150 inverters
- An integration of data collection, protocol conversion and Ethernet switch

**Reliable**
- Industrial-level application and high reliability

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### Technical Specifications

<table>
<thead>
<tr>
<th>Device Management</th>
<th>SmartLogger2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Number of Manageable Devices</td>
<td>200</td>
</tr>
<tr>
<td>Max. Number of Manageable Smart Inverters</td>
<td>150</td>
</tr>
</tbody>
</table>

### Communication Interface

- **ETH x 2, 10 / 100 Mbps**
- **SFP x 2, 100 Mbps**
- **RS485 COM x 6, 2400 / 4800 / 9600 / 19200 / 115200 bps**
- **PLC PLC x 1, 115.2 kbps**
- **DI x 8, AO x 4, PT100 / PT1000 x 2**

### Communication Protocol

- **Ethernet Modbus-TCP, IEC 60870-5-104**
- **RS485 Modbus-RTU, IEC 60870-5-103 (standard), DL / T645**

### Interaction

- **LED LED Indicator x 4**
- **WEB Embedded WEB**
- **Bluetooth SUN2000 App**
- **USB USB 2.0 x 1**

### Environment

- **Operating Temperature Range**
  - -40°C ~ 60°C (-40°F ~ 140°F)
- **Storage Temperature Range**
  - -40°C ~ 70°C (-40°F ~ 158°F)
- **Relative Humidity (Non-condensing)**
  - 5% ~ 95%
- **Max. Operating Altitude**
  - 4,000 m (13,123 ft.)

### Electrical

- **Power Supply**
  - 100 V ~ 240 V, 50 Hz / 60 Hz
- **Power Consumption**
  - Typical 8 W, Max. 15 W

### Mechanical

- **Dimensions (W x H x D)**
  - 411 x 170 x 58.6 mm (16.2 x 6.7 x 2.3 inch)
- **Weight**
  - 2.5 kg (5.5 lb.)
- **Protection Degree**
  - Type 1
- **Export Limitation**
  - Supported
- **Installation Options**
  - Wall Mounting, DIN Rail Mounting, Integrated Inside SmartACU2000B
Network Applications

I  Optical Fiber Ring Network + PLC

II  Ethernet Network + RS485