### SmartLogger3000A

- **Smart**: Smart zero export control design
- **Simple**: Easy to install on site
- **Reliable**: Safety by lightning protection module

### Technical Specification

<table>
<thead>
<tr>
<th>Device Management</th>
<th>SmartLogger3000A01EU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Number of Manageable Devices</td>
<td>80</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Communication Interface</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>WAN</td>
<td>WAN x 1, 10 / 100 / 1000 Mbps</td>
</tr>
<tr>
<td>LAN</td>
<td>LAN x 1, 10 / 100 / 1000 Mbps</td>
</tr>
<tr>
<td>RS485</td>
<td>COM x 3, 1200 / 2400 / 4800 / 9600 / 19200 / 115200 bps, 1000 m</td>
</tr>
<tr>
<td>2G / 3G / 4G</td>
<td>LTE(FDD) : B1, B2, B3, B4, B5, B7, B8, B20</td>
</tr>
<tr>
<td>DC-HSPA+/HSPA+/UMTS</td>
<td>850/900/1900/2100 MHz</td>
</tr>
<tr>
<td>GSM/GPRS/EDGE</td>
<td>850/900/1800/1900 MHz</td>
</tr>
</tbody>
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<tr>
<th>Digital / Analog Input / Output</th>
<th></th>
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<tbody>
<tr>
<td>Active DO</td>
<td>12V, 100mA (connection with relay, sensor)</td>
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<th>Communication Protocol</th>
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<tbody>
<tr>
<td>Ethernet</td>
<td>Modbus-TCP, IEC 60870-5-104</td>
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<tr>
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<tbody>
<tr>
<td>LED</td>
<td>LED Indicator x 3 – RUN, ALM, 4G</td>
</tr>
<tr>
<td>WEB</td>
<td>Embedded Web</td>
</tr>
<tr>
<td>USB</td>
<td>USB 2.0 x 1</td>
</tr>
<tr>
<td>APP</td>
<td>FusionSolar APP Communicated by WLAN for Commissioning</td>
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<table>
<thead>
<tr>
<th>Environment</th>
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<tbody>
<tr>
<td>Operating Temperature Range</td>
<td>-40°C ~ 60°C (-40°F ~ 140°F)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40°C ~ 70°C (-40°F ~ 158°F)</td>
</tr>
<tr>
<td>Relative Humidity (Non-condensing)</td>
<td>5% ~ 95%</td>
</tr>
<tr>
<td>Max. Operating Altitude</td>
<td>4,000 m (13,123 ft.)</td>
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<thead>
<tr>
<th>Electrical</th>
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<tbody>
<tr>
<td>AC Power Supply</td>
<td>100 V ~ 240 V, 50 Hz / 60 Hz</td>
</tr>
<tr>
<td>DC Power Supply</td>
<td>12V / 24 V</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>Typical 8 W, Max. 15 W</td>
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<tr>
<th>Mechanical</th>
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<tbody>
<tr>
<td>Dimensions (W x H x D)</td>
<td>225 x 160 x 44 mm (8.9 x 6.3 x 1.7 inch, without mounting ears and antenna)</td>
</tr>
<tr>
<td>Weight</td>
<td>2 kg (4.4 lb.)</td>
</tr>
<tr>
<td>Protection Degree</td>
<td>IP20</td>
</tr>
<tr>
<td>Installation Options</td>
<td>Wall Mounting, DIN Rail Mounting, Tabletop Mounting</td>
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1: When putting inside metal box, extended antenna will be needed.
2: For recommended carriers list and details on supported frequencies, please contact local distributors.
3: Devices refer to Inverter, meter, weather station devices and so on.
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**Simple**
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