

# Ai-Logger



Ai-Logger 1000 data logger allows Solplanet inverters to connect to the Solplanet Cloud and App. The inverter and meter data is collected and sent to the Solplanet Cloud via the internet to allow for easy PV plant monitoring.

### Smart

- Smart zero export control design

### Simple

- Easy to install on site

### Reliable

- Adapt to various application scenarios

## Technical Specification

### Ai-Logger 1000

|                     |                                    |                     |   |
|---------------------|------------------------------------|---------------------|---|
| Device Management   | Max. Number of Manageable Devices* |                     | 80  |
|                     | Communication Interface            | North Communication | WLAN  |
| LAN                 |                                    |                     | LAN x 1, 10 / 100 / 1000 Mbps                       |
| South Communication |                                    | RS485               | COM x 3, 1000 m                                     |
|                     |                                    | Ethernet            | 1   |
| Others              | Digital / Analog Input / Output    |                     | DI x 4, DO x 2                                      |
| Interaction         | LED                                |                     | LED Indicator x 4 – COM 1~3, North communication    |
|                     | WEB                                |                     | Embedded Web  |
|                     | USB                                |                     | USB 2.0 x 1   |
|                     | APP                                |                     | Solplanet APP                                       |
|                     | RST                                |                     | 1   |
| 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          | DC Power Supply                    |                     | 12V~24V / 2A  |
|                     | Power Consumption                  |                     | Typical 8 W, Max. 15 W                              |
| Mechanical          | Dimensions (W x H x D)             |                     | 240mmx126mmx42mm                                    |
|                     | Weight                             |                     | 453 g   |
|                     | Protection Degree                  |                     | IP20  |
|                     | Installation Options               |                     | Wall Mounting, DIN Rail Mounting, Tabletop Mounting |

\* Each 485 interface can connect up to 30 inverters or 1 weather station.