

S3-Logger

Solis Data Loggers

S3-Logger is a data acquisition and protocol conversion device applied to PV equipment in PV power plants, which can support access of meters, weather stations and other equipment.

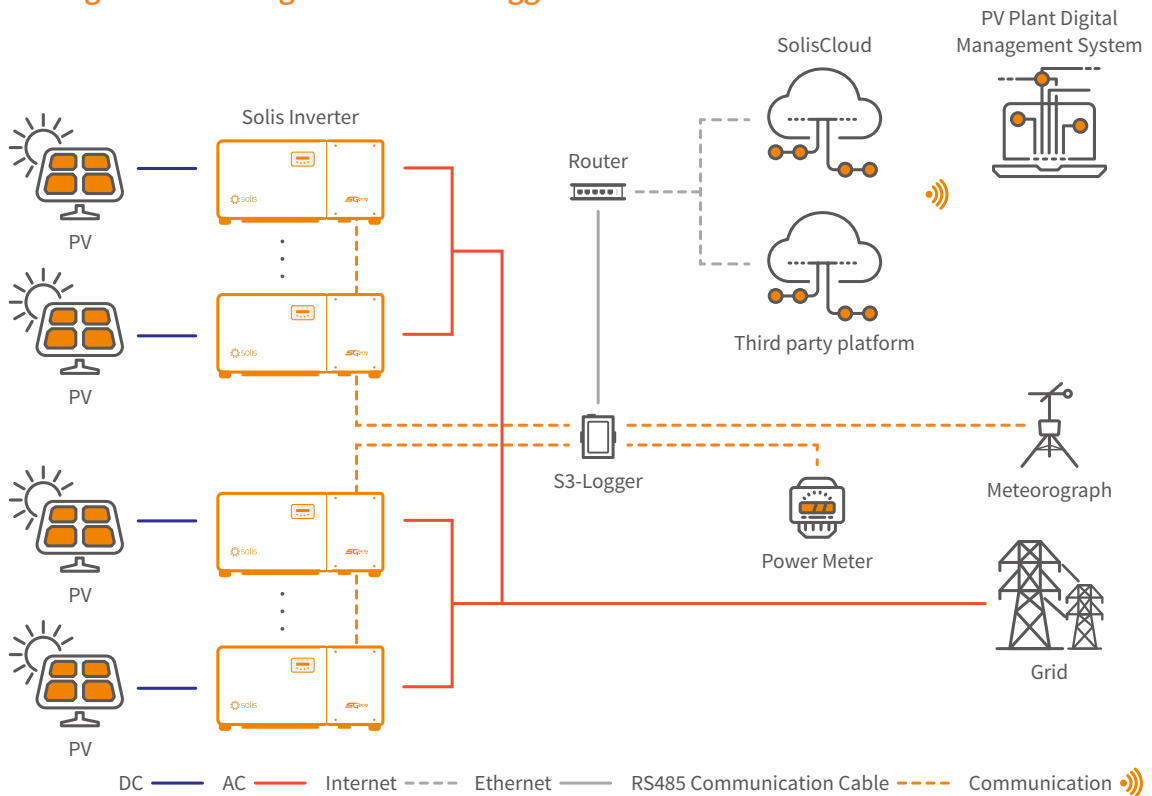
Features:

- Support data connection to local monitoring system
- Support electricity meters, weather stations and other equipment access
- Intelligent IV curve scan
- Support a variety of communication protocols
- Inverter remote upgrade
- One-key address allocation and EPM function



S3-Logger

Intelligent Monitoring Solution - S3-Logger



DATASHEET

S3-Logger

| Models | S3-Logger |
|--|---|
| Communication | |
| Supported device type | Solis inverter |
| Number of connected inverters ⁽¹⁾ | Each RS485 PORT≤15 |
| Data collection intervals | 5 minutes |
| Status indicator | 2 LED Indicator Lights |
| RS485 | COM × 4, 1200~19200 bps, communication distance ≤1000 m |
| Ethernet communication | LAN × 1, 10/100Mbps adaptive, communication distance ≤100 m |
| Communication Protocol | |
| RS485 | Modbus-RTU, IEC60870-5-103, DLT645 |
| Ethernet | Modbus-TCP, IEC60870-5-104 |
| Electrical | |
| AC power supply | 100~240 V, 50 Hz / 60 Hz |
| DC power supply | 9~36 V |
| Operating power consumption | 5 W@12VDC |
| Environment | |
| Operating ambient temperature range | -40 ~ +80°C |
| Operating humidity | ≤85%, relative humidity, non-condensing |
| Storage temperature | -40 ~ +80°C |
| Max. operation altitude | 4000 m |
| Mechanical | |
| Dimensions (L*W*H) | 89*121*27 mm |
| Protection degree | IP20 |
| Installation method | Rail Mounting, Desktop installation |
| Others | |
| Certification | CE, RoHS |

(1) Inverters must first be hand-in-hand connected by RS485.