Smart Logger

Smart Logger

Smart

- MODBUS-TCP for connect to NetEco and third-party monitoring system
- USB and embedded web for data reading and software update
- Automatically detect equipment and make RS485 address assignment
- Remote active & reactive power control support

Simple

- Up to 80 equipment accessible
- Up to 30 devices per RS485 bus
- Easy to install with wall, tabletop and rail mounting

Stable

- Max. reliable communication range: 1000 m
- Remote configuration, automatically set RS485 address

Technical Specifications

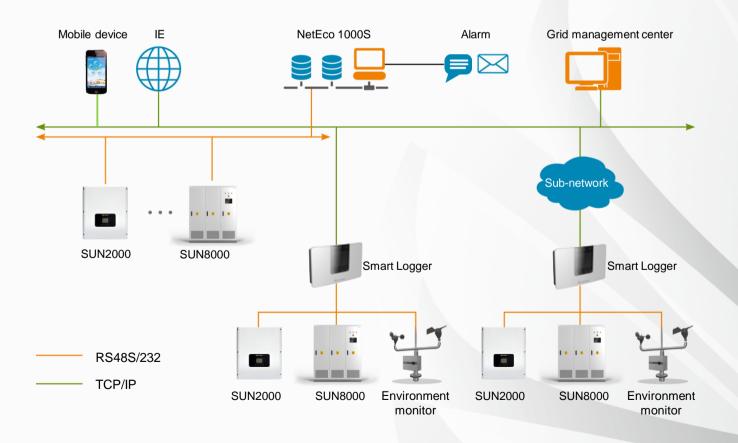| Technical Specifications	Smart Logger
Device Management	
Max. number of devices	80
Communication interface	3 x RS485
Max. Communication range	1000 m
Display	
LCD	3.5 inch graphic LCD
LED	3 LEDs
Web	Embedded Web
General Data	
Power supply	100 V - 240 VAC, 50 Hz / 60 Hz
Power consumption	Typical: 3 W, Maximum: 7 W
Memory	32 MB flash memory, expanded to 16 GB with optional SD car
Language	English, Chinese, German, Italian, Japanese, French
Dimensions (W/H/D)	225 × 140 × 50 mm (8.9 × 5.5 × 2.0 in.)
Operating temperature range	-20 ℃ to +60 ℃ (-4 °F to +140 °F)
Relative humidity (non-condensing)	5 - 95%
Degree of protection	IP20
Installation option	Wall mounting, Tabletop, Rail mounting
Interface	
Ethernet	10 / 100 M, Modbus - TCP
RS485	Modbus - RTU
USB	Yes
Number of digital inputs	4
Number of analog inputs	2
Number of relays	3

Always Available for Highest Yields

NetEco

Smart
- Easy data access with mobile end devices
- Actively report the yields and alarm information

Simple
- One-click installation in PC
- Fault alarm in SMS and E-mail

Stable
- Hierarchical management
- Up to 25 years data storage with CSV file

Network Structure

Mobile device   IE   NetEco 1000S   Alarm   Grid management center

Sub-network

SUN2000   SUN8000

Smart Logger   Smart Logger

— RS48S/232
— TCP/IP

SUN2000   SUN8000   Environment monitor   SUN2000   SUN8000   Environment monitor

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