



Smart

- MODBUS-TCP for connections to Huawei NetEco
- IEC60870-5-104 for connections to third-party monitoring systems
- USB and embedded web for data reading and software upgrade
- Automatically detecting facilities and mapping RS485 addresses
- Remote control of active & reactive power

Simple

- Up to 80 inverters per SmartLogger1000
- Up to 30 devices per RS485 bus
- Easy to install on walls, tabletops and rails

Stable

- Max. reliable communication range of 1,000m

Technical Specifications	SmartLogger1000
	Device Management
Max. Number of Manageable Devices	80
Max. Number of Manageable Smart Inverters	80
	Communication Interface
Electrical Ethernet	ETH × 1, 10 / 100 Mbps
RS485	COM × 3, 4800 / 9600 / 19200 bps
Digital / Analog Input / Output	DI × 4, DO × 3, AI × 2
	Communication Protocol
Ethernet	ModBus-TCP, IEC 60870-5-104
RS485	MODBUS-RTU, IEC 60870-5-101/103
	Interaction
LCD	3.5inch Graphic LCD
LED	LED Indicator × 3
WEB	Embedded WEB
Bluetooth	SUN2000 App
USB	USB2.0 × 1
	Environment
Operating Temperature	-20°C ~ +60°C (-4 °F ~ +140 °F)
Storage Temperature	-40°C ~ +85°C (-40 °F ~ +185 °F)
Relative Humidity (Non-Condensing)	5% ~ 95%
	Electrical
Power Supply	90 Vac ~ 264 Vac , 50Hz / 60Hz
Power Consumption	Min. 3W, Max. 7W
	Mechanical
Dimensions (W/H/D)	225 × 140 × 50 mm (8.9×5.5 × 2.0 inch)
Protection Grade	IP20
Installation Options	Wall-Mounted, Rail-Mounted, Tabletop-Mounted





Smart

- Easy data accesses on mobile devices
- Proactive reports of yields and alarms
- Smart String I-V Diagnosis supported

Simple

- One-click installation on PC
- Fault alarms via SMS and E-mail

Stable

- Hierarchical management
- Up to 25 years data storage in CSV file format

Network Structure

