



## 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 1000m

Technical Specifications	Smart Logger
	<b>Device Management</b>
Max. Number of Manageable Devices	80
Max. Number of Manageable Smart Inverters	80
	<b>Communication Interface</b>
Electrical Ethernet	ETH × 1, 10 / 100 Mbps
RS485	COM × 6, 4800 / 9600 / 19200 bps
Digital / Analog Input / Output	DI × 4, DO × 3, AI × 2
	<b>Communication Protocol</b>
Ethernet	ModBus-TCP, IEC 60870-5-104
RS485	MODBUS-RTU, IEC 60870-5-101/103
	<b>Interaction</b>
LCD	3.5inch Graphic LCD
LED	LED Indicator × 3
WEB	Embedded WEB
Bluetooth	SUN2000 App
USB	USB2.0 × 1
	<b>Environment</b>
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%
	<b>Environment</b>
Power Supply	90 Vac ~ 264 Vac , 50Hz / 60Hz
Power Consumption	Min. 3W, Max. 7W
Dimensions (W/H/D)	225 × 140 × 50 mm (8.9×5.5 × 2.0 inch)
Protection Rating	IP20
Installation Option	Wall Mounting, Rail Mounting, Tabletop Mounting, Integrated Inside Huawei Smart Array Controller (SACU)





## Smart

- Easy data accesses on mobile devices
- Proactive reports of yields and alarms

## Simple

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

## Stable

- Hierarchical management
- Up to 25 years data storage with CSV files

## Network Structure

