

SmartLogger1000A



Smart

- Smart Zero Export control design
- Flexible connection to NetEco1000s, FusionSolar Smart PV Management System, and third-party platform ¹
- Remote control of active & reactive power

Simple

- Convenient communication by 2G / 3G / 4G ²
- Power Line Communication optional
- APP and embedded web for data reading and software upgrade

Reliable

- Improvement of safety by SPD inside

Technical Specifications	SmartLogger1000A
	Device Management
Max. Number of Connected Devices	80
	Communication Interface
Electrical Ethernet	ETH x 1, 10 / 100 Mbps
RS485	COM x 3, 2400 / 4800 / 9600 / 19200 / 115200 bps, 1000 m
Power Line Communication (Optional)	Max. AC 800 V ($\pm 10\%$)
2G / 3G / 4G	LTE (FDD), DC-HSPA+ / HSPA+ / HSPA / UMTS, GSM / GPRS / EDGE ³
Digital / Analog Input / Output	DI x 4, DO x 2, AI x 4
Active DO	12V, 100mA (connection with relay, sensor)
SPD Inside	Yes
	Communication Protocol
Ethernet	Modbus-TCP, IEC 60870-5-104
RS485	Modbus-RTU, IEC 60870-5-103 (standard), DL / T645
	Interaction
LED	LED Indicator x 4 – RUN, ALM, 4G, WLAN
WEB	Embedded Web
USB	USB 2.0 x 1
APP	Communication by WLAN
	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
AC Power Supply	100 V ~ 240 V, 50 Hz / 60 Hz
DC Power Supply	20 ~ 30 V
Power Consumption	Typical 8 W, Max. 15 W
	Mechanical
Dimensions (W x H x D)	200 x 140 x 53 mm (7.9 x 5.5 x 2.1 inch, without mounting ears and antenna)
Weight	2 kg (4.4 lb.)
Protection Degree	IP20
Installation Options	Wall Mounting, DIN Rail Mounting, Tabletop Mounting

1: 3rd-party management system shall match the communication protocol with Huawei SmartLogger1000A.

2: When putting inside metal box, extended antenna will be needed.

3: For recommended carriers list and details on supported frequencies, please contact local distributors.

