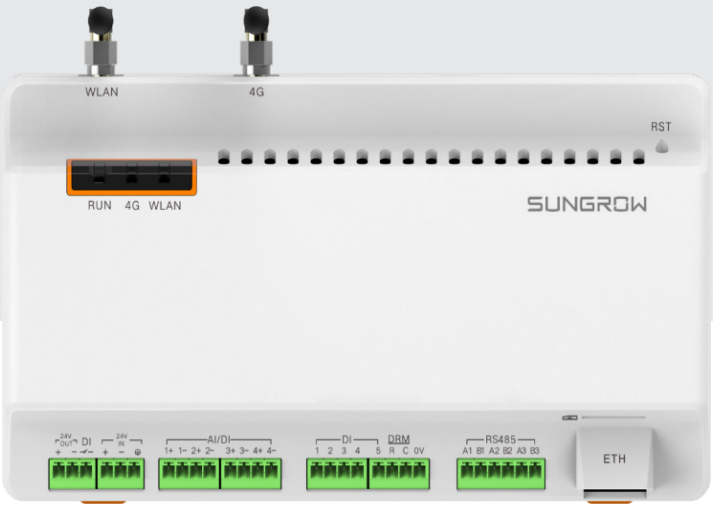
Logger1000A-EU

The Logger1000A-EU is a data acquisition, protocol conversion device suitable for inverters, combiner boxes, meteo stations, and energy meters in PV power plants. It supports power control, acts as gateway and assists with plant maintenance



FLEXIBLE NETWORKING

- Supports RS485, Ethernet, 4G, WLAN communication
- Supports energy meter, environmental sensors and multiple inverters

EASY OPERATION

- Automatic Modbus address distribution
- Built-in Web server for monitoring and configuration, accessible by PC or smartphone

CONVENIENT O&M

- Inverter batch parameter setting and firmware updates
- Plant maintenance by remote Web access, optimized OPEX
- Active and reactive power control

SUNGROW
Clean power for all

Technical parameters	Logger1000A-EU
Basic data	
Supported device number	Max. 30
Communication	
RS485	3
Ethernet	1 * RJ45, 10/100/1000Mbps
Digital input	5, Max. 24 VDC
Analog input	4, support 4 mA - 20 mA or 0 VDC - 10 VDC
SIM Card *	Micro-Sim (15 mm * 12 mm)
Operation band	LTE (FDD): B1 / B3 / B7 / B8 / B20 / B28A LTE (TDD): B38 / B40 / B41 GSM: B3 / B8
WLAN	802.11 a/b/g/n/ac, HT20/40/80MHz, 2.4 GHz / 5 GHz
4G antenna	Glue rod antenna
Power supply	
DC input	24 ± 0.72VDC, 1.2 A
DC output	24 ± 0.72VDC, 0.5 A
Power consumption	Typ. 30 W, Max. 40 W
Ambient conditions	
Operating temperature	-30 °C - 60 °C
Allowable relative humidity range	0 % - 95 %, non-condensing
Max. operating altitude	4000 m
Protection class	IP20
Mechanical parameters	
Dimensions (W * H * D)	200 mm * 110 mm * 60 mm
Weight	400 g
Installation	DIN Rail / Wall mounting
Standard compliance	
EMC and Radio	CE, UKCA

* Please refer to the user manual for further instructions and information on compatible SIM card providers