

Monitoring gateway

autarco

The Autarco monitoring gateway is ideal for installations with multiple 3-phase inverters. Up to ten inverters can be connected in series via RS485, the gateway can be connected to a local internet router via UTP cable or WiFi signal. Alternatively, the GPRS gateway forms an option to create a secure monitoring connection without dependence on a local network.



LAN gateway
 ✓ Low cost and reliable
 ✗ Dependent of local network



GPRS gateway
 ✓ Reliable connection, independent of local network
 ✗ Additional costs for data subscription



Encrypted and using only European servers



Easy to install and maintain



QUALITY CERTIFICATES

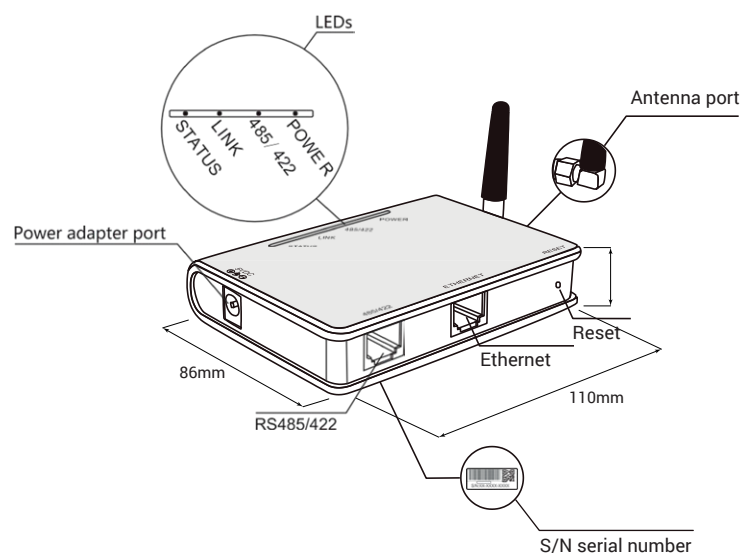
■ FCC, CE, RoHS



GENERAL CHARACTERISTICS

Dimensions (W x H x D)	110 x 26 x 86mm
Max. number of inverters	10
Supported inverters	LX, XLX and UX series
Inverter communication	RS485
Max. communication range	< 1km
Communication rate	9600bps (adjustable)
Operating voltage	5V DC
Data collection intervals	5 minutes
Status display	4 LEDs
IP rating	IP21
Installation method	Wall mounted or horizontal

Front



PHYSICAL CHARACTERISTICS

	S2.LAN-BOX	S2.GPRS-BOX
Weight	108g	102g
Remote communication	WiFi (802, 11b/g/n) / Ethernet	GPRS
Frequency	2.4GHz	800/900/1800/1900MHz
WiFi communication range	300m in outdoor open area without obstruction	-
Transmitting power	802.11b/g/n; +20dBm/+18dBm/15dBm (max)	Class 4 (2W)/Class 1 (1W)
Preferences setting	Web server/Serial AT instruction	Serial AT instruction
Data access	Serial/WiFi point-to-point/Remote server	Serial/Remote server

ELECTRICAL CHARACTERISTICS

Static power consumption	< 1.6W	< 2W
Remote communication	< 2.5W	< 8W

ENVIRONMENTAL CHARACTERISTICS

Operating temperature	-10°C to +65°C
Operating humidity	-10% to 90% relative humidity
Storage temperature	-40°C to +85°C
Storage humidity	< 40%

The specifications contained in this datasheet may deviate slightly from our actual products due to on-going product improvement and are subject to change at any time without prior notice.

