

# 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



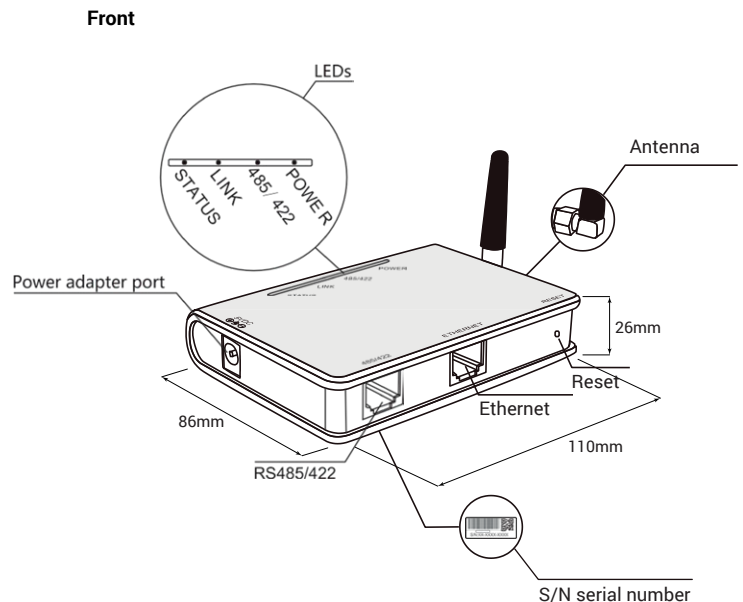
## QUALITY CERTIFICATES

♦ FCC, CE, RoHS



## GENERAL CHARACTERISTICS

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



# PHYSICAL CHARACTERISTICS

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

# ELECTRICAL CHARACTERISTICS

<b>Static power consumption</b>	< 1.6W	< 2W
<b>Remote communication</b>	< 2.5W	< 8W

# ENVIRONMENTAL CHARACTERISTICS

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

