

Growatt ShineLink-X2

- Dynamic IP, plug and play
- Supports LAN, LoRa, and optional 4G communication.
- Communication distance up to 120m
- Support up to 12 devices
- Online monitoring and maintenance



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Datasheet	ShineLanBox-X2
General parameters	
Dimensions (L/W/H)	100/100/27mm
Weight	150g
Protection rating	IP20
Installation	Desktop, Wall Mount
Operating voltage	12V
Operating temperature range	-30~+60℃
Storage temperature range	-40~+70℃
Relative humidity	<85%RH (no condensation)
Communication interface	
RF communication method	LoRa
Max. RF communication distance	120m(No barrier wall)
Networking methods	WiFi, Lan, 4G (optional)
Extended communication interface	DRMS function
Communication interface	
RF parameters	Frequency Range: 860~930MHz (868/915MHz LoRa) Maximum Transmit Power: 868MHz 14dBm/915MHz 17dBm
BLE parameters	Bluetooth Standard: Bluetooth 4.2
WiFi parameters	Frequency Range: 2412~2484MHz (2.4GHz) Supported Protocols: 802.11 b/g/n Maximum Transmit Power: 19.5dBm Receive Sensitivity: Up to -97dBm
4G parameters (Optional)	Formats & Bands: LTE-TDD Bands: B38/B40/B41 LTE-FDD Bands: B1/B3/B5/B7/B8/B20
	Data Rate: LTE CAT4 Uplink (50Mbps) Downlink (150Mbps)
Features	
Max. monitoring devices	12
Application parameters	
User configuration interface	APP configuration
Data transmission interval	5 minutes
CE, RoHS	

Datasheet	ShineRFStick-X2
General parameters	
Dimensions (L/W/H)	122/47/32mm
Weight	65g
User manual language	Chinese, English
Protection rating	IP65
Installation	USB Direct Plug
Operating voltage	5V (+/-5%)
Operating current	250mA
Average power consumption (max)	2.5W (5W)
Operating temperature	-30~60°C
Storage temperature	-40~70°C
Working humidity	<85%RH (no condensation)
Wireless parameters	
RF parameters	Frequency Range:860~930MHz (868/915MHz LoRa) Max. Transmit Power:868MHz 14dBm/915MHz 17dBm Max. Transmission Distance:200m
BLE parameters	Bluetooth Standard: Bluetooth 4.2 (2.4GHz) Transmission Distance: 10m
Application parameters	
User configuration Interface	APP configuration
Data transmission interval	5 minutes
Inverter communication	USB(Modbus RTU protocol)
CE, UKCA, RoHS	