

Growatt ShineMaster-X

- Up to 124 inverters control
- Multiple communication methods
- Integrated with lightning protection module
- System export limitation



P O W E R
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T O M O R -
R R O W

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Parameters	ShineMaster-X
Device Management	
Max. Number of Connected Devices	124
Device Management	
LAN	LAN x 1, 10 / 100 Mbps
RS485	COM x 4, 9600 / 38400 bps, 1000m
CAN	CAN2.0 x2, 100K / 250K / 500K
SIM Card	2G / 3G / 4G
Digital / Analog Input / Output	DI x 5, DO x 2, AI x 4
Active DO	12 V, 100 mA
Communication Protocol	
Ethernet	Modbus-TCP
RS485	Modbus-RTU
Display	
LED	LED x 5 - POWER, RUN/FAULT, WIFI/Bluetooth, LAN, 4G
WEB	Embedded Web
USB	USB 2.0 x 1
APP	Commissioning via Bluetooth/WIFI
Environment	
Operating Temperature Range	-30°C~60°C (-22°F~140°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity (Non-condensing)	5%~95%
Max. Operating Altitude	4,000m (13,123 ft)
Electrical	
AC Power Supply	100~240 Vac, 50 Hz / 60 Hz
DC Power Supply	24 V, 1A
Mechanical	
Dimensions (W x H x D)	232/40/140mm
Weight	1.2kg
Protection Degree	IP20
Installation Options	Wall Mounting, DIN Rail Mounting, Tabletop Mounting
CE	