

Growatt ShineMaster-X

- Up to 48 inverters control
- Multiple communication methods
- Integrated with lightning protection module
- SCADA control available with MODBUS TCP and IEC 104



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Primary

Parameters	ShineMaster-X
Device management	
Suggested number of device connected	48*
Device management	
LAN	LAN x 1, RJ45, 10 / 100 Mbps (Built-in 1.5KV magnetic isolated protection)
RS485	COM x 4, A+, B-, 9600 / 38400 bps, 500m (B, N, 1)
SIM card	Ethernet
Digital / Analog Input / Output	2G/3G/4G
	DI x 5, DO x 2, AI x 4
Communication protocol	
Ethernet	Modbus-TCP, IEC 60870-5-104
RS485	Modbus-RTU
Display	
LED	LED x 5-Power, RUN/FAULT, Bluetooth, LAN, 4G
WEB	Embedded Web
USB	USB 2.0 x 1 (HOST)
Environment	
Operating temperature range	-30°C~65°C (-22°F~149°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/H/D)	232/40/140mm
Weight	1.2kg
Protection degree	IP20
Installation options	Wall Mounting, DIN Rail Mounting, Tabletop Mounting
CE, Rohs, FCC, UL 62368	

* The max. number could up to 124pcs.
All specifications are subject to change without notice.