

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 (8、 N、 1)	
SIM card	Ethernet	2G/3G/4G
Digital / Analog Input / Output	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.