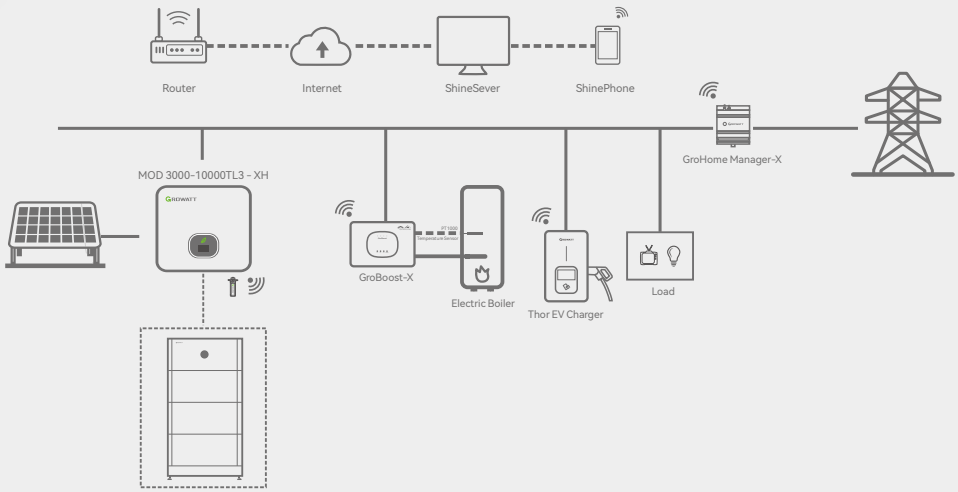
GroHome Manager-X

- DIN35 Rail mounting
- Energy manager with advanced measuring capabilities
- Supports both cable and wireless communication
- Capable of controlling up to 12 devices
- Compatible with single/three/split phase grid systems





GroHome System Diagram



Datasheet	GroHome Manager-X
Communication	
Total number of managed devices	12
Connection to thelocal router	Ethernet/WiFi
Connection of inverters	RS485 or RF (ShineRFStick-X2 is required fo Inverter)
RF wireless maximum communication distance	120m
RF	868/915 MHz
BLE	BLE4.2, 2.4G Hz
WiFi	2.4G Hz
Interface	
Ethernet(10/100M)	1 port (RJ45)
RS485	3 ports
Display	LED Light
Sever Information	
Server	ShineServer
Server communication	TLS-TCP&MQTT
User configuration	APP configuration
Data transfer interval	5 minutes
Default server address	server.growatt.com
General Data	
Dimension(W/H/D)	100/81/66mm
Weight	0.3kg
Installation	Rail mounting
Top hat-rail width	35mm
Grid structure	Single-phase/ split-phase /three-phase three-wire/three-phase four-wire
Single phase nominal voltage	230Vac
Three phase and three/four wires nominal voltage	230Vac/400Vac
Split-phase nominal voltage	120Vac/240Vac
Sampling frequency	45-65Hz
Power consumption	9W
Operating temperature	-30℃~65℃
Storage temperature	-40℃~70℃
Environment protection rating	IP20
Relative humidity (non-condensing)	< 85%
Warranty	1 year
Others	
CT information	1 CT for single phase grid 2 CTs for splite phase and 3P3W grid 3 CTs for 3P4W grid
	100A/40mA/∅16mm or 250A/40mA/∅24mm
	
	CE, RoHS, UKCA

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