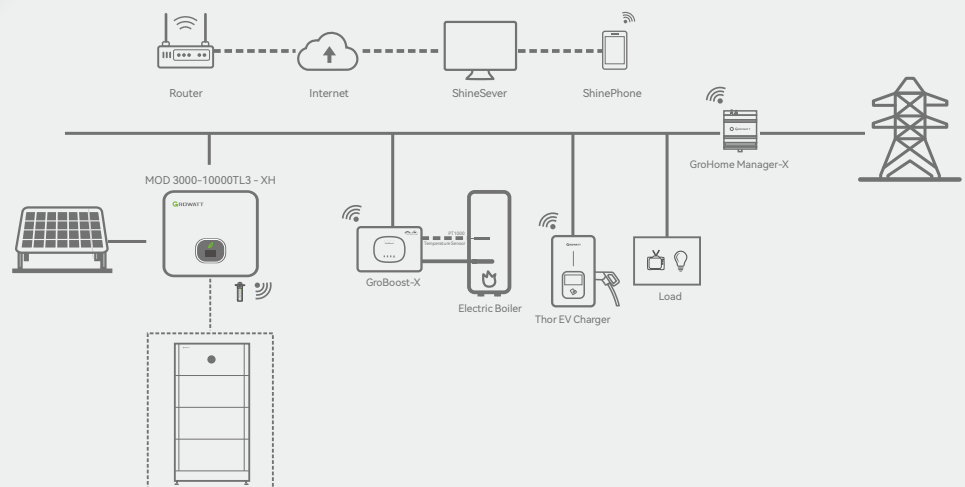


GroHome Manager-X

- 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/Ø16mm or 250A/40mA/Ø24mm	
		
CE, RoHS, UKCA		