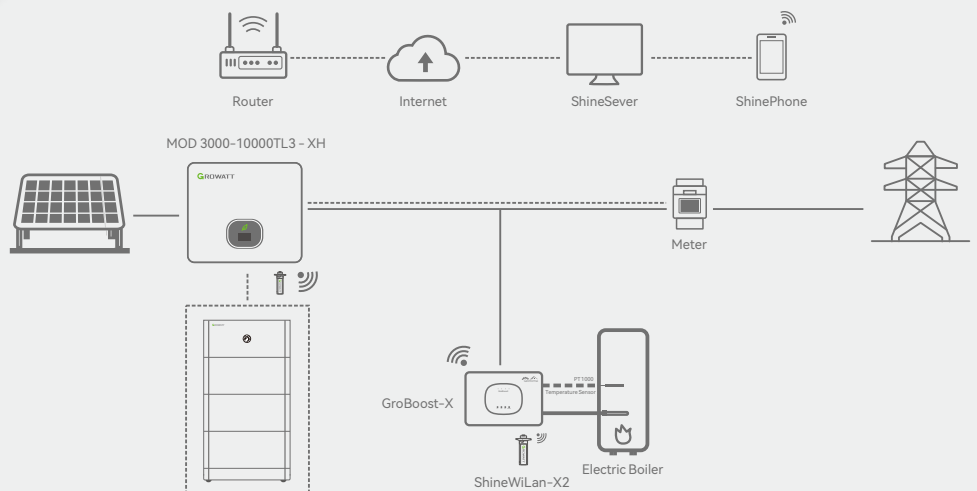


GroBoost-X

- Independent internet access
- Wireless CT communication for dynamic control
- Continuously adjustable power control 0–10.8 kW
- For single or three phase immersion heaters
- Three-zone space heating possible with three independent power outputs
- Integrated in Growatt smart home system, achieve up to 92% solar self-consumption rate



GroBoost-X System Diagram



Four Scenarios

1



Compatible with three-phase immersion heater up to 10.8kW

2



Compatible with three 3.6kW immersion heaters

3



Water heater with two-zone space heating

4



Solar plus heater with extended battery energy storage

Datasheet		GroBoost-X
Communication		
Connect to other device		LoRa
RF		868/915MHz
RF Wireless maximum communication distance		100m
GroHome Manager-x		Support
Interface		
RS485		Support
Display		3 LED Lights
USB (Datalogger)		Support
Temperature sensor		Support 3 Channels Pt1000
General data		
Dimension (W / H / D)		288/227/101mm
Weight		3.5kg
Installation		Wall-mounting
Power supply		3*230V AC
Power consumption		5W
Frequency		50/60Hz
Output		Single-phase 3.6kW/ Three-phase 10.8kW (L1 adjustable)
Operating temperature		-25°C ~ +60°C
Relative humidity (non condensing)		5%-85%RH (non condensing)
Storage temperature		-40°C ~ +70°C
Warranty		1 year
Protection degree		IP54
Smart schedule		Support
Temperature protection		Support
Dry contact control		Support
APP support		Support
Others		
Communication CT		GroSense Wireless CT
Datalogger		ShineWiLan-X2/GroHome Manager-X
Certification		CE, RoHS