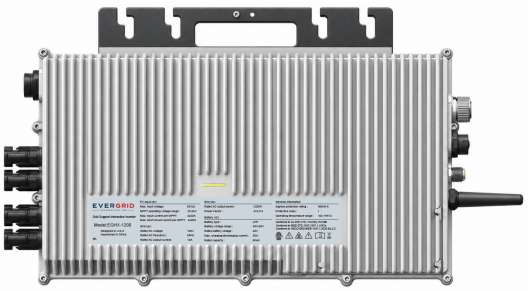
EVERGRID
TECHNOLOGY INC

CLEAN ENERGY
A BRIGHTER TOMORROW

MICRO-HYBRID INVERTER

EGHX-1200 / 2000

Micro-hybrid inverter for solar-plus-storage systems.
120V / 240V output, 50/60Hz; LFP battery support.



KEY FEATURES

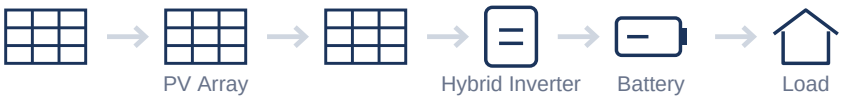
Off-Grid Parallel Operation
Supports up to 4 units in parallel for off-grid output.

PV & Battery Charging
Max charge and discharge current: 25 A (EGHX-1200) / 50 A (EGHX-2000).

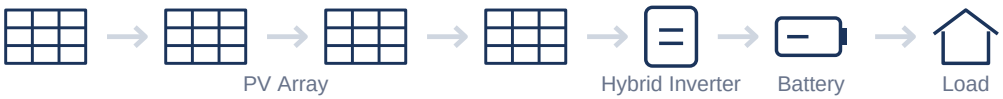
Smart Connectivity
WiFi / Bluetooth communications.

TYPICAL APPLICATION

PV + Battery + Load (3 Panels)



PV + Battery + Load (4 Panels)



GENERAL INFORMATION

Protection Class **IP65**	Cooling **Natural convection**
Operating Ambient Temperature **-40°C to +65°C**	Communications **WiFi / Bluetooth**
UPS Function **Yes**	Off-Grid Output Parallel **4 units**

EGHX-1200 / 2000

FULL SPECIFICATIONS

Model	EGHX-1200	EGHX-2000
PV INPUT		
Recommended PV Module	600 W × 3	700 W × 4
MPPT Voltage Range	22 - 55 V	
Startup Voltage	25 V	
Max Input Voltage	60 V	
Max DC Short Circuit Current	20 A × 3	20 A × 4
PV Overvoltage Protection Category	II	
AC OUTPUT (ON-GRID)		
Max Continuous AC Output Power	1200 VA	2000 VA
Rated AC Output Voltage	120V	240V
Max Continuous Output Current	10 A	8.3 A
Nominal Frequency	50 / 60 Hz	
Power Factor	Adjustable -0.9 ~ +0.9	
THD @ Rated Power	<5% (at rated power)	
AC OUTPUT (OFF-GRID)		
Rated AC Output Voltage	120V	240V
Rated AC Output Power	1200 VA	2000 VA
Nominal Frequency	50 / 60 Hz	
BATTERY		
Battery Type	LFP	
Battery Voltage	40 - 60 V	
Max Charge Current	25 A	50 A
Max Discharge Current	25 A	50 A
GENERAL		
Operating Ambient Temperature Range	-40°C to +65°C (-40°F to +149°F)	
Communications	WiFi / Bluetooth	
Protection Class	IP65	
Cooling	Natural convection	
UPS Function	Yes	
Off-Grid Output Parallel	4 units	