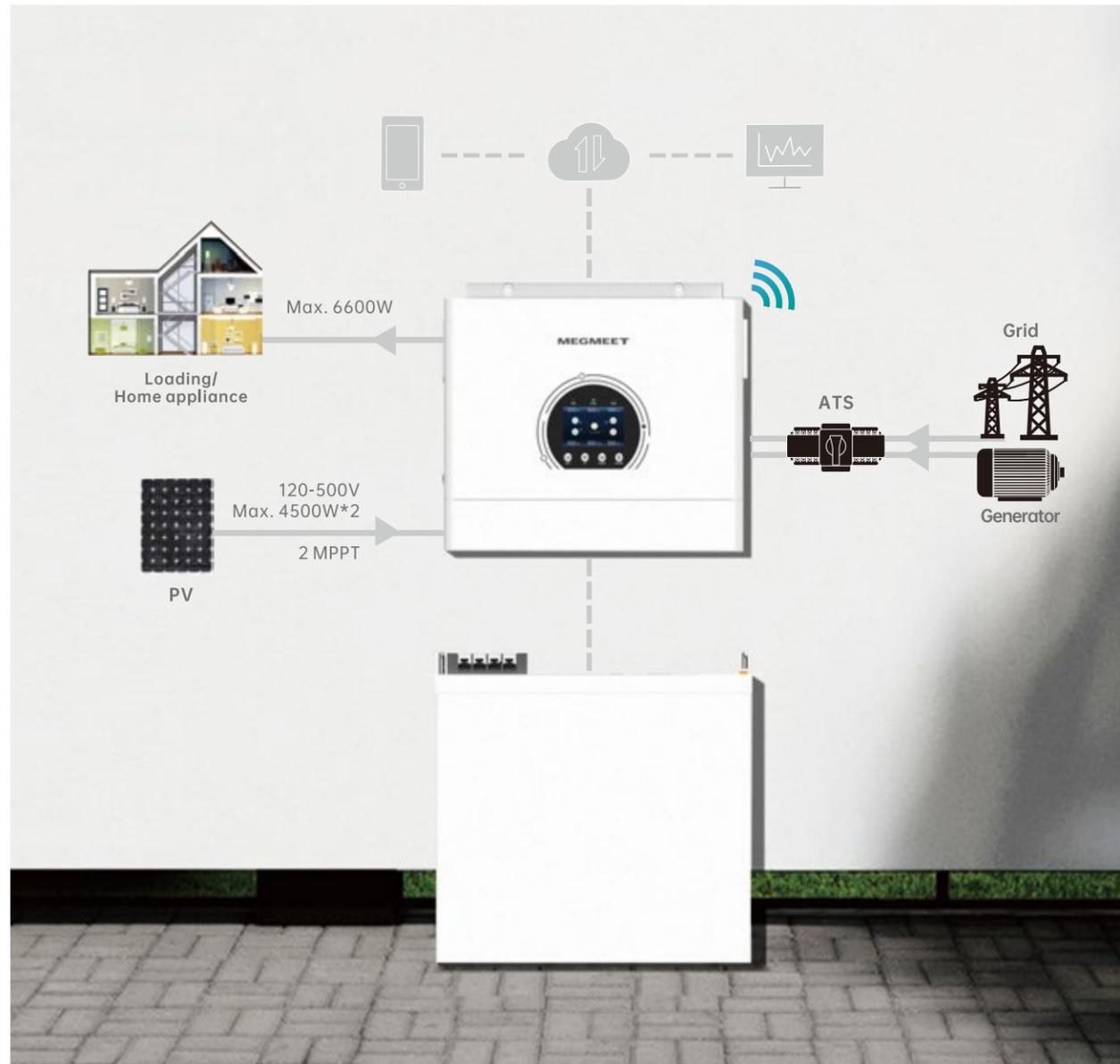


Low-voltage Off-Grid Single Phase Inverter Series



- Built-in MPPT
- 2 times rated power peak output for 5 seconds
- Colorful LCD display
- Support generator
- Up to 120 A charge and discharge current
- Max. 6 units in parallel
- Dual output
- Smart cloud: Web & APP real-time monitoring
- Max. AC output efficiency 94%
- 0 °C to +55 °C operating temperature
- UPS transfer time < 10 ms
- Fan cooling, noise level < 65 dB

Model	MGH-6KHL-ET
Battery Input	
Battery Type	Lead-Acid / LiFePO ₄
Rated Input Voltage	48 V / 51.2 V
Input Voltage Range	40 to 60 V / 40 to 58.4 V
Max. Charge Current	120 A
Max. Discharge Current	120 A
PV Input	
Max. Input Power	4500 W * 2
MPPT Voltage Range	120 to 500 V
Rated PV Input Voltage	250 V
Max. Input Current	20 A * 2
No. of MPPT	1/2
AC Input / Output	
Max. AC Input / Output Power	6000 / 6600 W
Rated AC Input / Output Current	27 / 28.7 A
Rated Input Voltage	230 V
Input Voltage Range	170 to 280 V / 208 to 240 V
Peak Output Power	12000 W / 5 s
Rated Output Voltage	230 V
Max. Output Current	11.6 A
Rated Output Frequency	50 / 60 Hz
THDV	< 3%
Efficiency	
MPPT Efficiency	≥ 99.9%
Max. Output Efficiency	≥ 94%
General	
Operating Temperature	-30 °C to +60 °C
Communication	CAN / RS485
Weight	10 kg
IP Rating	IP20
Dimensions	420 x 350 x 115 (mm)
Cooling Method	Fan cooling
Warranty	2 years
Certifications	IEC62109, EN61000-EMC