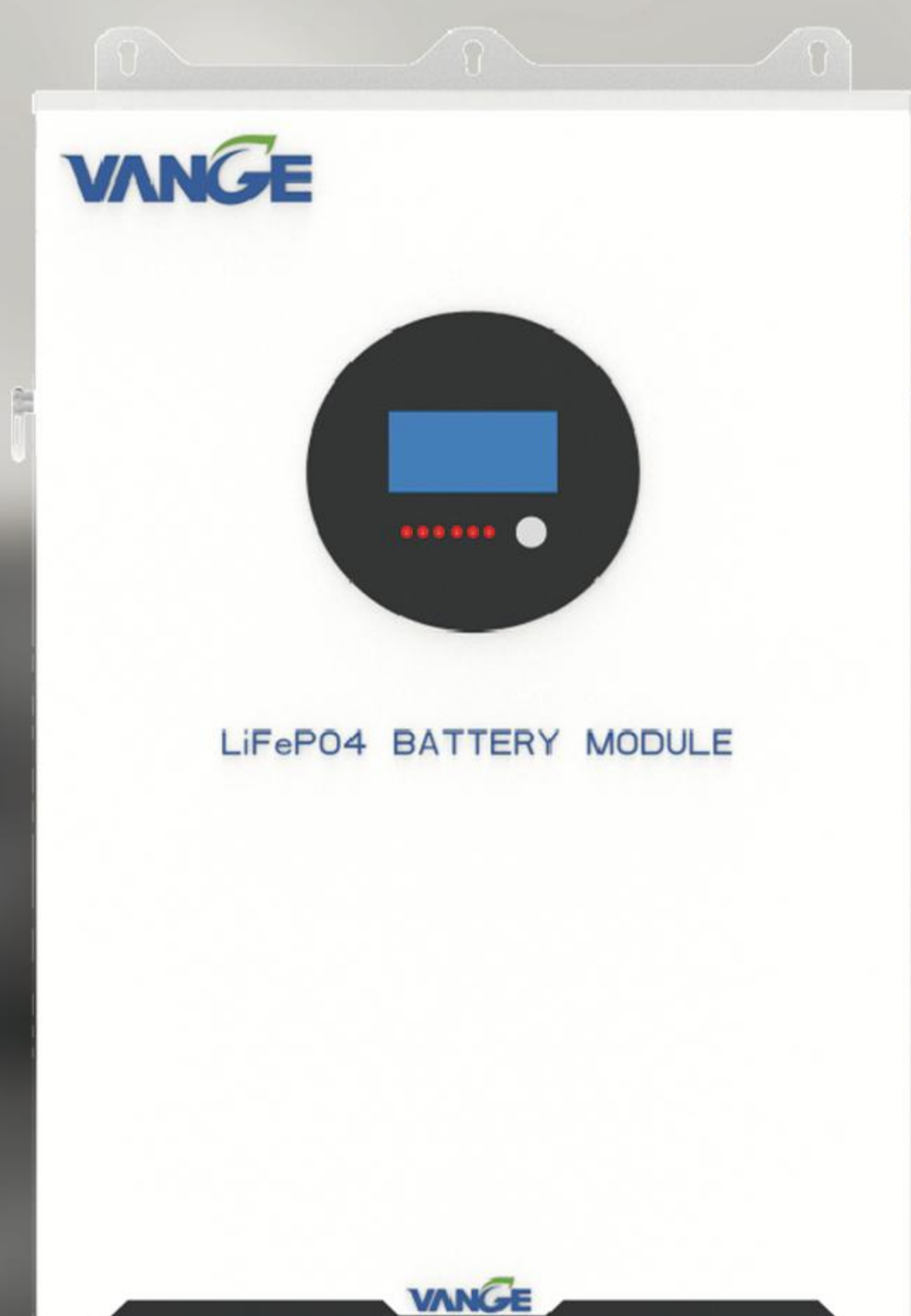


LFP BATTERY: WALL-MOUNTED SERIES

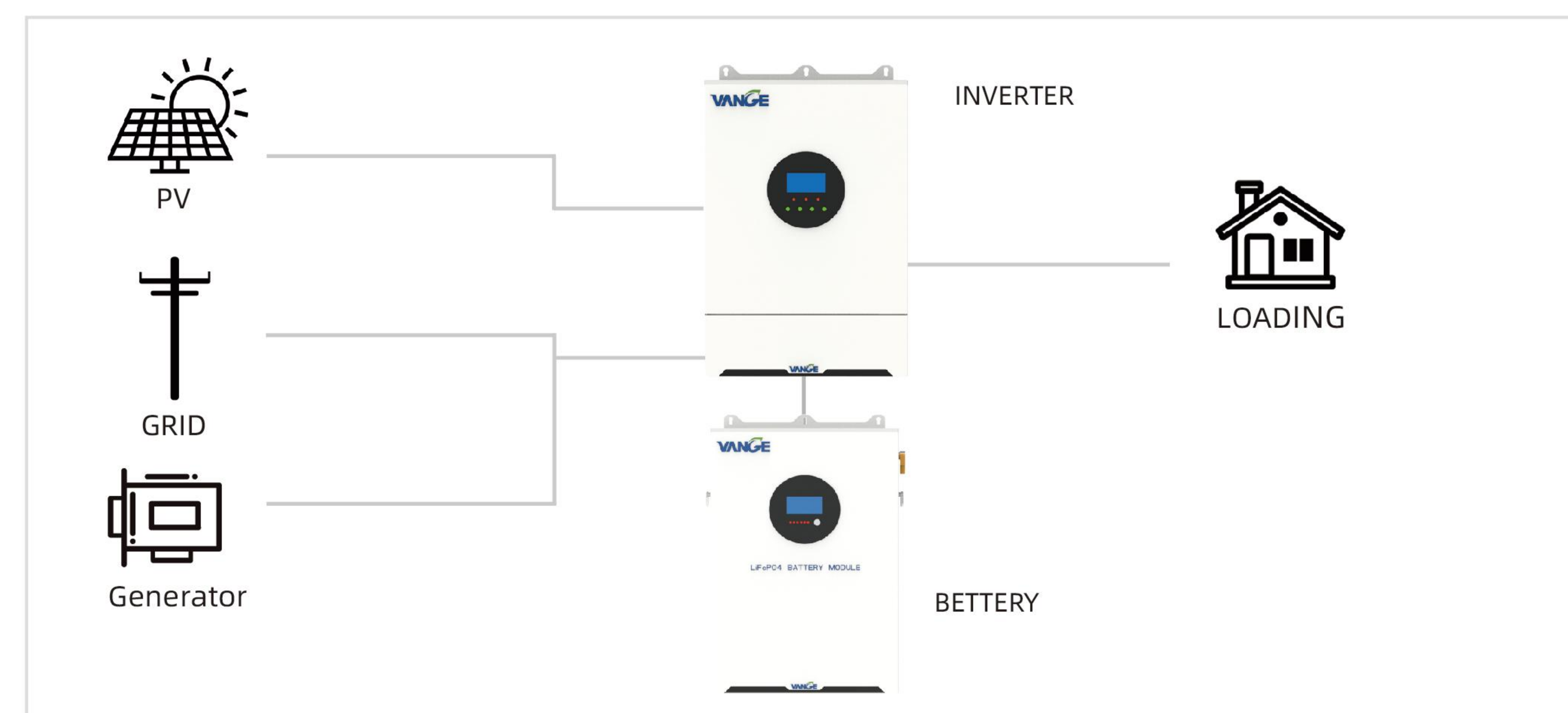
APPLICATION SCENARIOS



PRODUCTS FEATURE

- ★ High-quality LiFePO4 batteries with safe and stable performance, designed for long service life
- ★ Power wall design , space saving design
- ★ High density , small size and weight
- ★ Big charge/discharge current up to 100A/200A , suitable for solar storage system
- ★ LCD display with communication port(CAN/RS485/RS232)
- ★ All around protection
- ★ Standard equipped with intelligent BMS
- ★ Can communicate with Different Brand of Hybrid Solar Inverter

SYSTEM TOPOLOGY



PRODUCTS FEATURE

VANGE
A LEADING ESS TURNKEY SOLUTION PROVIDER AND MANUFACTURER

Model	VG-BML-5kWh-W	VG-BML-10kWh-W
Specification		
Battery type	LiFePO4	
Nominal battery model	51.2V100AH	51.2V200AH
Nominal capacity(25°C, 0.2C)	5.12kWh	10.24kWh
Voltage window	44.8~58.4Vdc	
Float Charge Voltage	56.0Vdc	
Max. continue discharge current	100A	200A
Max. continue charge current	100A	200A
Cycle life(+25°C, 0.2C 85%DOD)	>6000 Cycles	
Storage temperature	0°C~40°C	
Storage duration	6 Months (25°C)	
Safety standard	UN38.3,MSDS,CE	
Terminal	M8	
IP degree	IP20	
Communication function	CAN/RE485/RE232	
The quality assurance period	60 Months	
Months self discharge	≤2%	
Efficiency of charge	99% (0.2C)	
Efficiency of discharge	96~99% (1C)	
Protection		
Protection	over-current protection, short-circuit protection, over-voltage protection, under-voltage protection and over-temperature protection, etc	
Ambient		
Working temperature	Discharge:-20°C~60°C, Charge:0°C~50°C	
Humidity	0~95%(no condensation)	
Max. operating altitude	2000m	
Dimension		
Dimensions (W*H*D)	611*420*224mm	685*470*350mm
Weight	46kg	85kg

* This parameter is the basic parameter of the product. Please contact your supplier for details when ordering.