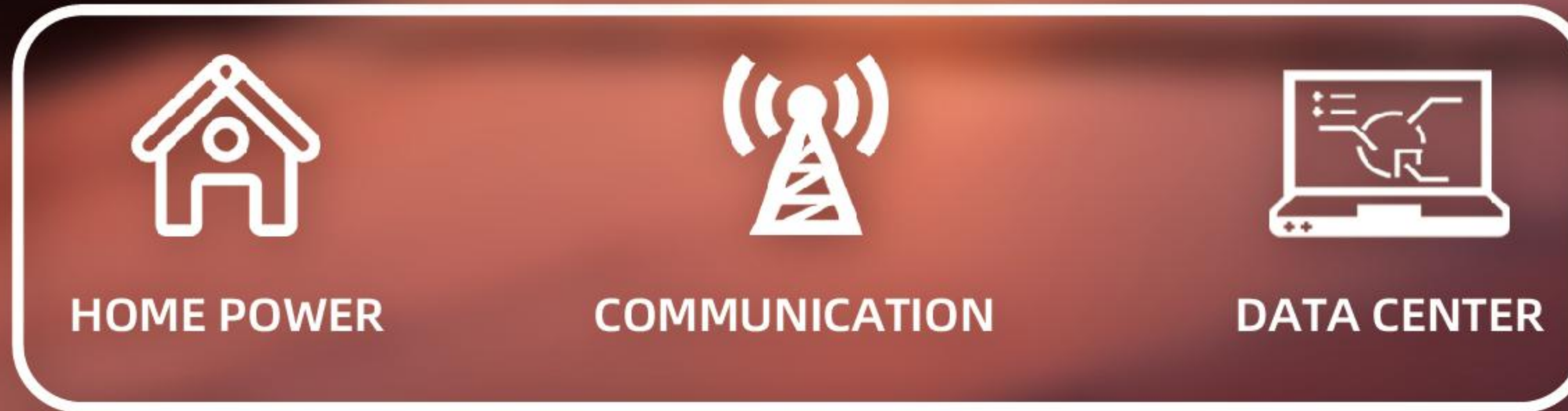


PHOTOVOLTAIC INVERTER: 5KW SINGLE PHASE WALL-MOUNT SERIES



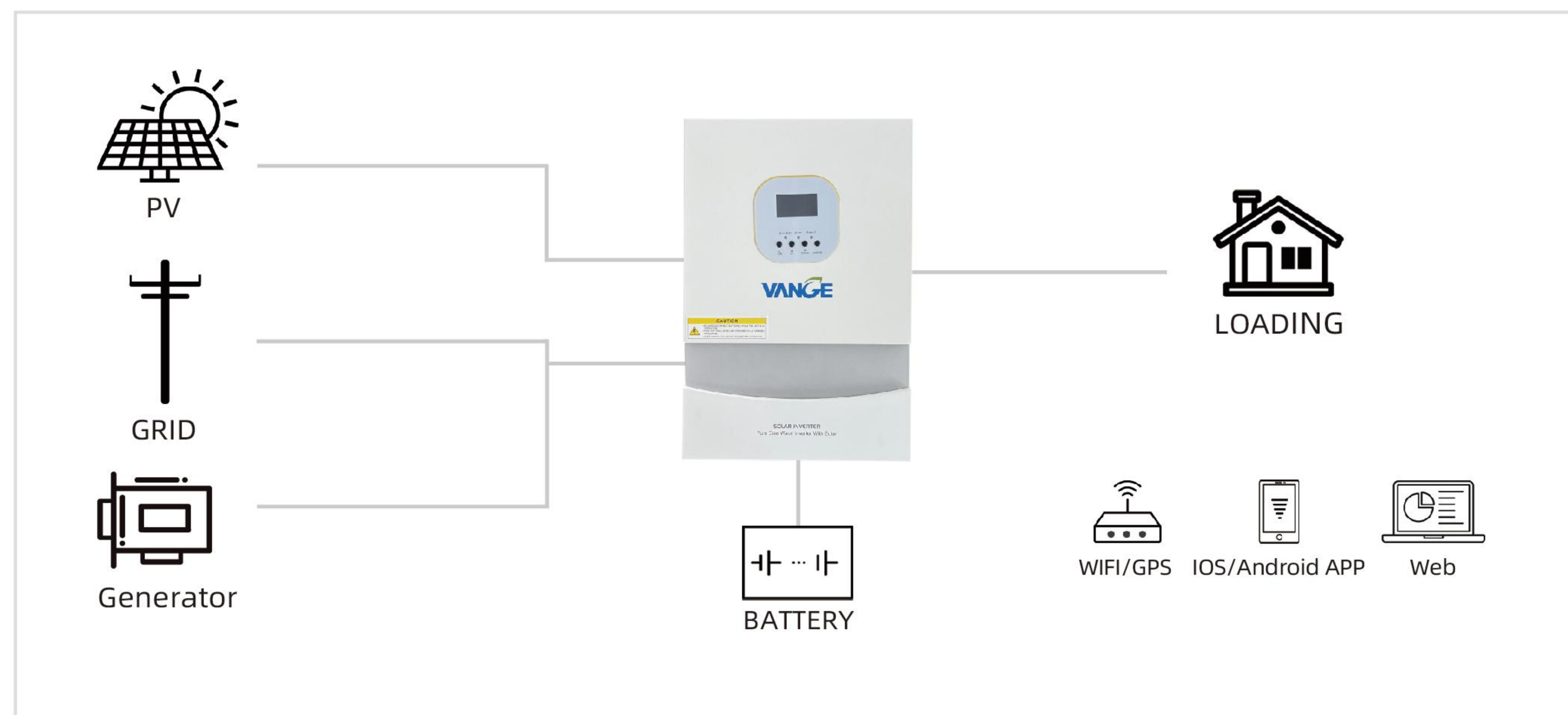
APPLICATION SCENARIOS



PRODUCTS FEATURE

- ★ Pure sine wave inverter is adopted
- ★ Support bi-directional DC soft start, making the voltage rise more smoothly, reducing the damage to the equipment and prolonging the service life
- ★ Wide input range, can adapt to the voltage range of different use environments
- ★ The HD LCD screen displays the current status of the inverter
- ★ Strong anti-electromagnetic interference ability
- ★ The series supports the lithium battery activation wake-up start function

SYSTEM TOPOLOGY



PRODUCTS FEATURE

Model	VG-INVH-5k-OSW
AC Input	
Rated input voltage	208/220/230/240VAC;L+N+PE
Voltage range	90~280±3 VAC (normal mode); 170~280±3 VAC(UPS mode)
Frequency	50/60 Hz (Auto Adaptive)
AC Output	
Rated apparent power	5kVA
Rated output power	5kW
Rated voltage	208/220/230/240VAC
Power factor (PF)	1
Switch time	20 ms (normal mode) / 10 m s (UPS mode)
Overload capacity (Battery Mode)	60s@102%~110%load; 10s@110%~130%load; 3s@130%~150%load; 0.2s@>150%load
Max. efficiency (Battery Mode)	94%@48VDC
Parallel quantity	9
Charger (PV / AC)	
Solar charger type	MPPT
Max. PV input power	6kW
Operating voltage range	170V~280Vac (Computer) / 90V~280Vac (Electrical Appliances)
MPPT range @Operating voltage	120~450VDC
Max. PV open circuit voltage	500VDC
Max. PV charge current	80A
Max. AC charge current	80A
Interface	
HMI	LCD
Interface	RS232 /USB
Monitoring	WiFi (Optional)
General Data	
Ingress protection	IP20
Operating temperature	0°C~45°C
Humidity	5% ~ 95% (Non-condensing)
Storage temperature	-15°C~60°C
Weight	8.45kg
Dimensions (W*H*D)	490*312*125mm
Max. operating altitude	4000m(Derating above 1000m)
Noise emission	≤50dB

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