

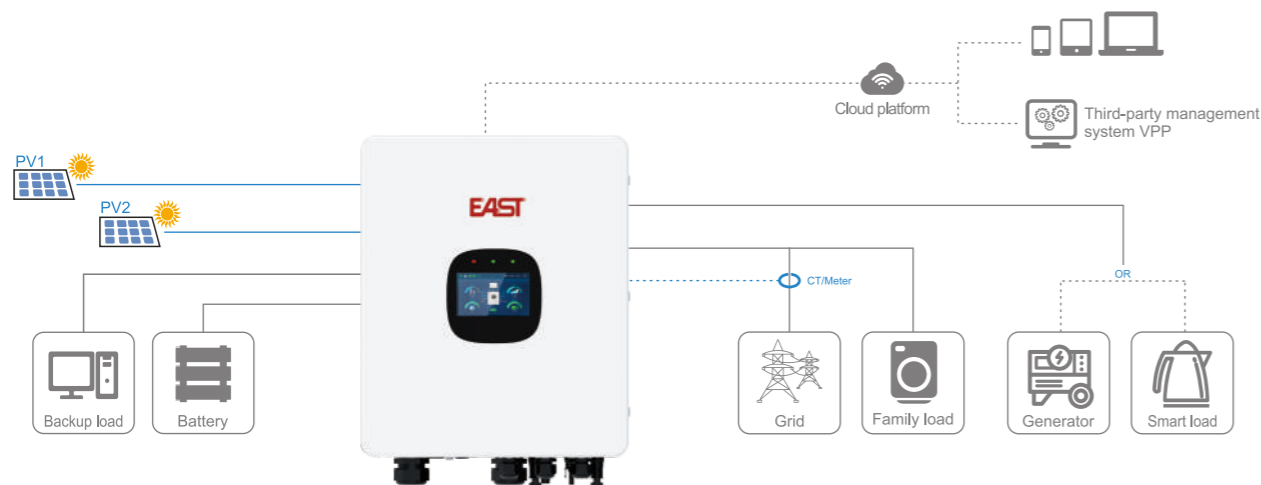
Residential Hybrid Inverter EH6.6K1P-G1-LV-2M

Single phase



- IP65 aluminum chassis, high protection level
- Real time remote monitoring system via WiFi module, easy operation and maintenance
- Large size touch screen, user-friendly operation interface
- 0ms switching time, providing stable power supply for critical loads

Typical application



Hybrid Inverter specification

MODEL	EH6.6K1P-G1-LV-2M
PV input	
Max. input power	13200W
Max. input voltage	500Vdc
Start-up voltage	80Vdc
Min. operating voltage	100V
MPPT operation range voltage	100~450Vdc
Max. input current per MPPT	20A
Max. short-circuit current per MPPT	27A
Number of MPPT	2
Battery input	
Battery type	Li-ion, Lead-acid battery
Battery voltage range	40~60V
Max. charging current	135A
Max. discharging current	135A
Charging curve	3 Stages/Equalization
AC input(grid)	
Grid type	Single phase(L/N/PE)
Input voltage range	170~280Vac
Input frequency range	42Hz~65 Hz
Max. input current	50A
Smart port	
Max. input/output power	6600W ¹⁾
Maximum. input/output current	30A
AC output(grid)	
Rated output power	6600W ¹⁾
Max. apparent output power	6600VA
Grid system mode	Single phase(L/N/PE)
Rated output voltage	230Vac(220Vac/240Vac settable)
Rated output frequency	50Hz/60Hz
Rated output current	28.7A
Max. output current	30.0A
AC output(back-up)	
Rated output power	6600W ¹⁾
Max. apparent power	6600VA
Output system mode	Single phase(L/N/PE)
Rated output voltage	230Vac(220Vac/240Vac settable)
Rated output frequency	50Hz/60Hz
Rated output current	28.7A
Max. output current	50A
Transfer time	0ms
Others	
Protections	Input over/under voltage protection, input over/under frequency protection, output overload, output short-circuit, radiator over temperature protection, fan fault detection etc. Arc-Fault Circuit-Interrupter(optional)
Communications	USB/RS232/RS485, dry contact, WiFi
Dimensions(W×H×D)(mm)	370×445×174
Net weight(kg)	18
IP rating	IP65
Operating environment	-25°C~+60°C(>45°C derating)
Cooling mode	Smart cooling
Altitude	3000m
Noise level at 1m	≤55dB
Installation method	Wall-mounted
Safety regulation	IEC/EN 62109-1/-2
EMC	EN 61000-6-1/-2/-3/-4

Note

1)The inverter can supply power to the load through Smart terminal, AC output(grid) terminal, and AC output(back-up) terminal, the total inverter power should not exceed 6600W