

Hybrid Inverter

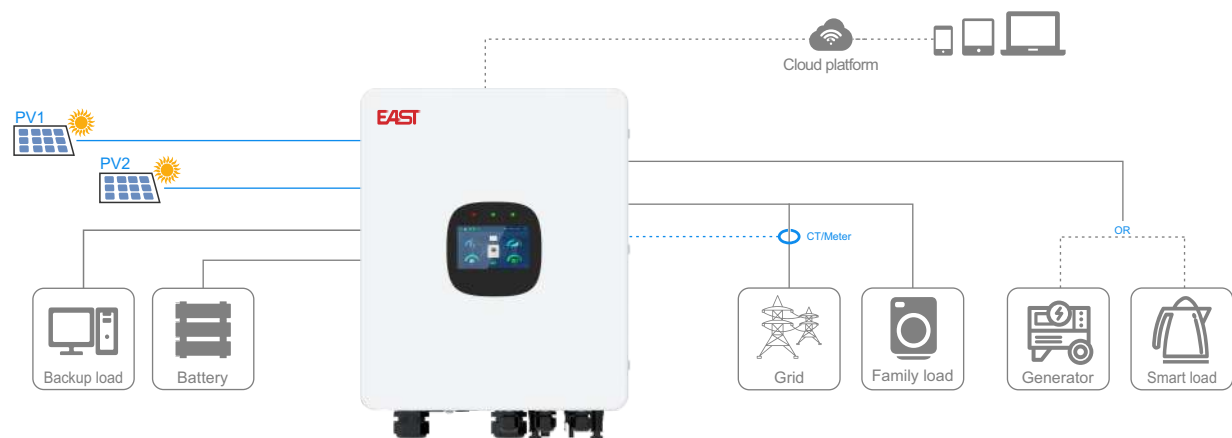
EAH6.6K1PLVG1-AA

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



Specification

MODEL	EAH6.6K1PLVG1-AA
PV input	
Max. input power	13200W
Max. input voltage	500V
Rated input voltage	350V
Start-up voltage	60V
MPPT voltage range	60~450V
Max. input current	20A+20A
Max. short circuit current	27A+27A
Number of MPPT/ max. number of PV strings	2/1+1
Battery input/output	
Battery voltage range	40~60V
Max. charge/ discharge current	135A/135A
Max. charge/ discharge power	6600W/6600W
Battery BMS communication	RS485/CAN
AC output(EPS & Smart)	
Rated output power	6600W
Max. apparent output power	6600VA
Rated output current(@220V)	30A
Rated output voltage/ frequency	L/N/PE, 220V/230V, 50Hz/60Hz
THDi	<3%@rated power
EPS switching time	<10ms
Starting surge	10s@2×rated power
THDu	<3%(linear load)
AC input(Grid & Smart)	
Max. AC charging power (grid to battery)	6600W
Max. grid input current	50A
Max. diesel generator input current	30A
Rated input voltage/ frequency	L/N/PE, 220V/230V, 50Hz/60Hz
Input frequency range	40~70Hz
Efficiency	
Max. efficiency	97.60%
European efficiency	96.50%
MPPT efficiency	>99%
General parameters	
Display	LCD touchscreen
Communications	RS485, CAN, dry contact, WiFi, Bluetooth
IP rating	IP65
Operating temperature	-25°C~60°C(>45°C derating)
Humidity	0~100%(non-condensing)
Cooling mode	Forced air cooling
Noise level	<45dB
Dimensions(W×H×D)(mm)	370×445×174
Net weight(kg)	18