



○ INVERTER ○ ESS ○ SMART HOME ○ ELECTRONICS

AmazingPower Series
KE-5K5L1EF

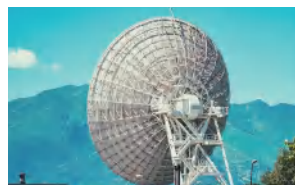
- Support 6 units in parallel
- Photovoltaic input current up to 22A
- MPPT tracking efficiency up to 99.9%
- Support lithium-ion battery BMS dual activation



APPLICATION



High-end villa



Communication base station



Nomadic farm



Enterprise electricity

APPLICATION SCENARIO

Model	KE-5K5L1EF	KE-5KLSUF
Inverter output		
Rated output	5,000W	
Peak power	10,000VA	
Rated output voltage	230 Vac, single-phase	120 Vac, split-phase
Motor load capacity	4HP	
Output frequency	50/60Hz	
Output voltage waveform	pure sine wave	
Conversion time	10ms (typical value)	
Cell		
Battery type	Lithium-ion battery / lead-acid battery / user custom	
Rated battery voltage	48Vdc	
Battery voltage range	40 ~ 60Vdc	
Maximum photovoltaic charging current	100A	
Maximum charging current of mains /generator	60A	40A
Maximum hybrid charge current	100A	
Photovoltaic input		
MPPT routes	1	
Maximum PV input power	5,500W	
Maximum input current	22A	
Maximum open circuit voltage	500Vdc	
MPPT voltage range	120 ~ 450Vdc	
Mains /Generator input		
Input voltage range	90 ~ 140Vac	
Input frequency range	50/60Hz	
Bypass overload current	40A	63A
Common		
Number of parallel machines	1-6 units	
Size	446.9*350*133mm	
Weight	14kg	
IP grade	IP20, indoor-only	
Operating temperature range	-10-55 °C	
Cooling method	Air cooling	
Warranty	3 years	
Communication		
Built-in interface	RS 485 / CAN / USB / dry contact	
External Module (optional)	Wi-Fi / GPRS	