



○ 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

Hello Ktech



**APPLICATION**



High-end villa



Communication base station



Nomadic farm



Enterprise electricity

**APPLICATION SCENARIO**

Model	KE-5K5L1EF
<b>Inverter output</b>	
Rated output	5,000W
Peak power	10,000VA
Rated output voltage	230 Vac, single-phase
Motor load capacity	4HP
Output frequency	50/60Hz
Output voltage waveform	pure sine wave
Conversion time	10ms (typical value)
<b>Cell</b>	
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
Maximum hybrid charge current	100A
<b>Photovoltaic input</b>	
MPPT routes	1
Maximum PV input power	5,500W
Maximum input current	22A
Maximum open circuit voltage	500Vdc
MPPT voltage range	120 ~ 450Vdc
<b>Mains /Generator input</b>	
Input voltage range	90 ~ 140Vac
Input frequency range	50/60Hz
Bypass overload current	40A
<b>Common</b>	
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
<b>Communication</b>	
Built-in interface	RS 485 / CAN / USB / dry contact
External Module (optional)	Wi-Fi / GPRS

