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INVERTER | ESS | SMART HOME | ELECTRONICS

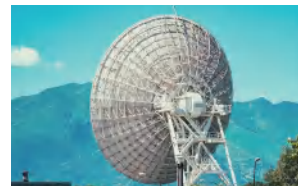
## Amazing Power Series KE-10KL3EF

- SP model support 6 units in parallel
- Support lithium-ion battery BMS dual activation
- Dual MPPT, efficiency up to 99.9%
- Beautiful appearance, simple installation, easy to use

### APPLICATION



High-end villa



Communication base station



Nomadic farm



Enterprise electricity

### APPLICATION SCENARIO

Model	KE-8KL1EF	KE-10KL1EF	KE-8KL3EF	KE-10KL3EF	KE-12KL3EF
<b>Inverter output</b>					
Rated output	8,000W	10,000W	8,000W	8,000W	12,000W
Peak power	16,000W	20,000W	16,000W	16,000W	24,000W
Rated output voltage	230 Vac, single-phase / three-phase in parallel		400 Vac, single-phase / three-phase in parallel		
Motor load capacity	5HP	6HP	5HP	5HP	6HP
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	180A	200A	180A	180A	200A
Maximum mains / generator charge current	100A	120A	120A	100A	120A
Maximum hybrid charge current	180A	200A	180A	180A	200A
<b>Photovoltaic input</b>					
MPPT routes	2				
Maximum PV input power	5,500W+5,500W	6,000W+6,000W	7,500W+7,500W	9,000W+9,000W	
Maximum input current	22A+22A				
Maximum open circuit voltage	500Vdc+500Vdc		800Vdc+800Vdc		
MPPT voltage range	125 ~ 425Vdc				
<b>Mains /Generator input</b>					
Input voltage range	90 ~ 140Vac		90 ~ 275Vac		
Input frequency range	50/60Hz				
Bypass overload current	63A				
<b>Common</b>					
Number of parallel machines	1-6 units				
Size	620*445*130mm				
Weight	27kg				
IP grade	IP20, indoor-only				
Operating temperature range	-10 ~ 55 C, > 45 C derated				
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				

