



○ INVERTER ○ ESS ○ SMART HOME ○ ELECTRONICS

**Amazing Power Series**  
**KE-10KL1EF**

- 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

| Model                                    | KE-10KL1EF  |
|--|---|
| <b>Inverter output</b>                   |   |
| Rated output                             | 10,000W   |
| Peak power                               | 20,000W   |
| Rated output voltage                     | 230 Vac, single-phase /<br>three-phase in parallel    |
| Motor load capacity                      | 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    | 200A  |
| Maximum mains / generator charge current | 120A  |
| Maximum hybrid charge current            | 200A  |
| <b>Photovoltaic input</b>                |   |
| MPPT routes                              | 2   |
| Maximum PV input power                   | 5,500W+5,500W   |
| Maximum input current                    | 22A+22A   |
| Maximum open circuit voltage             | 500Vdc+500Vdc   |
| MPPT voltage range                       | 125 ~ 425Vdc  |
| <b>Mains /Generator input</b>            |   |
| Input voltage range                      | 90 ~ 140Vac   |
| 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  |

