

KE Series

European - standard
Single - phase Inverters



KE-5K5L1EF

- ⊙ Supports up to 6 parallel machines
- ⊙ The MPPT tracking efficiency is as high as 99.9%
- ⊙ It has an elegant appearance, is simple to install, and is convenient to use
- ⊙ It has comprehensive safety protection from software to hardware

KTECH®

Product Parameters			
Model	KE-5KL1EF	KE-5K5L1EF	KE-6KL1EF
Inverter Output			
Rated Output	5,000W	5,500W	6,000W
Peak Power	10,000VA	10,000VA	12,000VA
Rated Output Voltage	230 Vac, single-phase		
Motor Load Capacity	4HP		
Output Frequency	50/60Hz		
Output Voltage Waveform	Pure Sine Wave		
Transfer Time	10ms (typical value)		
Battery Unit			
Battery Type	Lithium - ion battery/Lead - acid battery/User - defined		
Rated Battery Voltage	48Vdc		
Battery Voltage Range	40 ~ 60Vdc		
Maximum PV Charging Current	100A		
Maximum Utility/Generator Charging Current	60A		
Maximum Combined Charging Current	100A		
PV Input			
MPPT Maximum Power Point Tracking Paths	1		
Maximum PV Input Power	6,000W		
Maximum Input Current	22A		
Maximum Open - Circuit Voltage	500Vdc		
MPPT Voltage Range	120 ~ 450Vdc		
Utility/Generator Input			
Input Voltage Range	(170Vac~280Vac)+2% (90Vac-280Vac)+2%		
Input Frequency Range	50/60Hz		
Bypass Overload Current	40A		
Common/Shared			
Number of Parallel Machines	1 - 6 units		
Dimensions	446.9*350*133mm		
Weight	14kg		
IP Rating	IP20, indoor use only		
Operating Temperature Range	-10~55C		
Cooling Method	Natural cooling		
Warranty	3 years		
Communication			
Built - in Interface	RS 485 / CAN / USB / dry contact		
External Modules (Optional)	Wi-Fi / GPRS		