

## KE Series

American - standard  
Split - Phase Inverters



## KE-10KLSUF

- ⊙ Supports up to 15 parallel machines, off - grid operation, and supports multiple battery parallel connections
- ⊙ Dual - path MPPT with an efficiency of up to 99.9%
- ⊙ Supports deep customization
- ⊙ BMS communication protocol is open

# KITECH®

Product Parameters				
Model	KE-5KLSUF		KE-6KLSUF	
<b>Inverter Output</b>				
Rated Output	5,000W		6,000W	
Peak Power	10,000W		12,000W	
Rated Output Voltage	120 Vac, single-phase / 240 Vac, split-phase			
Motor Load Capacity	4HP			
Output Frequency	50/60Hz			
Output Voltage Waveform	Pure sine wave			
Transfer Time	10ms (typical value)			
<b>Battery Unit</b>				
Battery Type	Lithium-ion battery / lead-acid battery / user custom			
Rated Battery Voltage	60Vdc			
Battery Voltage Range				
Maximum PV Charging Current	100A	100A	180A	200A
Maximum Utility/Generator Charging Current	60A	60A	100A	120A
Maximum Combined Charging Current	100A	100A	180A	200A
<b>PV Input</b>				
MPPT Maximum Power Point Tracking Paths	2			
Maximum PV Input Power	5,500W+5,500W			
Maximum Input Current	22A+22A			
Maximum Open - Circuit Voltage	500Vdc+500Vdc			
MPPT Voltage Range	425Vdc			
<b>Utility/Generator Input</b>				
Input voltage range	90 ~ 140Vac			
Input frequency range	50/60Hz			
Bypass overload current	63A			
<b>Common/Shared</b>				
Dimensions	620*445*130mm			
Weight	27kg			
IP Rating	IP20, indoor-only			
Operating Temperature Range	-10 ~ 55,> 45 C derated			
Cooling Method	Built-in fan			
Warranty	3years			
<b>Communication</b>				
Built - in Interface	RS 485 / CAN / USB / dry contact			
External Modules (Optional)	Wi-Fi / GPRS			

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# KTECH<sup>®</sup>

Product Parameters				
Model	KE-8KLSUF	KE-10KLSUF	KE-12KLSUF	
<b>Inverter Output</b>				
Rated Output	8,000W	10,000W	12,000W	
Peak Power	16,000W	20,000W	24,000W	
Rated Output Voltage	120 Vac, single-phase / 240 Vac, split-phase			
Motor Load Capacity	5HP		6HP	
Output Frequency	50/60Hz			
Output Voltage Waveform	Pure sine wave			
Transfer Time	10ms (typical value)			
<b>Battery Unit</b>				
Battery Type	Lithium-ion battery / lead-acid battery / user custom			
Rated Battery Voltage	60Vdc			
Battery Voltage Range				
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