

KE Series

European - standard
Hybrid Inverters



KTECH®

Product Parameters

Model	KE-6KH3EN	KE-8KH3EN	KE-10KH3EN
Recommended Maximum Photovoltaic Power	9.6kW	12.8kW	16kW
Input DC (Photovoltaic Side)			
Start - up Voltage		160V	
Maximum Input Voltage		1000V	
Rated Voltage		600V	
MPPT Voltage Range		200V-850V	
Max. Input Current		20A / 20A	
Max. Short - circuit Current		30A / 30A	
Max. Battery String Number per MPPT / MPPT Quantity	2/2	2/3	2/4
Battery			
Battery Type		Lithium / Lead-acid	
Battery Voltage Range		160V-600V	
Maximum Charging and Discharging Power	6kW	8kW	10kW
Maximum Charging and Discharging Current		25A	
Input AC (Grid Side)			
Input Voltage Range	9kW	12kW	15kW
Maximum Input Current	13.8A	18.2A	22.8A
Frequency Range		50Hz	
Output AC (Grid Side)			
Rated Output Power	6kW	8kW	10kW
Maximum Apparent Output Power	6.6kVA	8.8kVA	11kVA
Rated Grid Voltage		3P/N/PE, 380V / 400V	
Rated Grid Frequency		50Hz	
Rated Grid Output Current	9.1A / 8.7A	12.2A / 11.5A	15.2A / 14.4A
Maximum Output Current	10A / 9.6A	13.4A / 12.7A	16.7A / 15.8A
Power Factor		>0.99 (-0.8~+0.8 adjustable)	
Total Harmonic Current Distortion Rate		<3%	
Performance Data			
Maximum Efficiency		97.9%	
EU Efficiency		97.5%	
DC Connection		MC4 connector	
AC Connection		Quick connection plug	
General Data			
Operating Temperature Range		-25°C-60°C	
Protection Level		IP20	
Cooling Method		Natural cooling	
Maximum Operating Altitude		3000m	

KE-10KH3EN

- ⊙ High - voltage battery with higher efficiency
- ⊙ Supports higher charge - discharge currents
- ⊙ Intelligent energy management system (EMS) function to improve battery reliability
- ⊙ Beautiful appearance, simple installation, and convenient use