



KE-HU (T) TL Grid Tie and Off-grid Inverter

KE-HU (T) TL inverter accomplishes switching work mode between grid-connected and off-grid. It prefers to grid-connected mode. When photovoltaic panel and power grid is normal, inverter will transfer the output of photovoltaic panel to power grid, and store energy for battery at the same time. When power grid is fault, inverter will switch in off-grid mode, supplying power to load according to sunlight and battery condition.



Parameter Table

Technical Parameter	KE-HU3KTL	KE-HU5KTL	KE-HU10KTL\KE-HT10KTL	KE-HT20KTL
Rated Power	3000W	5000W	10000W	20000W
Maximum AC Output Current	16.4A	27.3A	45.5A\15.2A×3	30.4A×3
Rated Voltage	220V/380V AC+20%, 50/60Hz±1Hz, sine wave <3% THD			
Voltage Range	176-264V AC			
Standby Loss	≤15W			
Display	LCD, HMI			
Communication	wireless RS232/485, TCP/IP			
Spare Power Switching Time	<5 ms			
Maximum Input DC Current	18.4A	30.5A	45.8A	84.6A
Access	1		4	
MPPT	1			
Input Voltage	180-360V DC			
Connector	MC4			
Maximum Efficiency	97.00%		96.8%	
MPPT Efficiency	99.00%			
Power Factor	>0.99 (rated power)			
Battery				
Battery Charge Voltage	168	192	240	264
Battery output Voltage	12V DC/pcs			
No. Battery	14	16	20	22
Battery Type	gel battery, lead-acid battery, phosphoric acid iron-li.			
Battery Capacity	recommended 85~200 A•hour			
Charging Curve	constant current, constant voltage, floating, three stage charging			
Operating Temperature	-25℃ to +50℃			
Storage temperature	-40℃ to +70℃			
Humidity	≤90%, no condensation			
Cooling	natural	fan cooling		