



○ INVERTER ○ ESS ○ SMART HOME ○ ELECTRONICS

Amazing Power Series
KE-15KL3UN

Hello Ktech

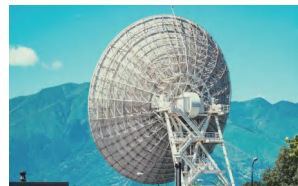


- SP model support 6 units in parallel
- Support lithium-ion battery BMS dual activation
- Dual MPPT, efficiency up to 99.9%
- Beautiful appearance, simple installation, easy to use

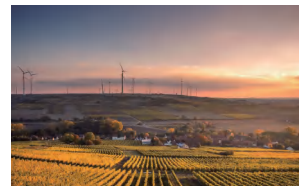
APPLICATION



High-end villa



Communication base station



Nomadic farm



Enterprise electricity

APPLICATION SCENARIO

Model	KE-15KL3UN
Battery Input Data	
Battery Type	Li-Ion
Battery Voltage Range	160-500V
Max. Charging Current	50A
Max. Discharging Current	50A
Number of battery input	1
Charging Strategy for Li-Ion Battery	Self-adaption to BMS
PV String Input Data	
Max. DC Input Power	19500W
Max. DC Input Voltage	550V
Start-up Voltage	180V
MPPT Range	150-500V
Full Load DC Voltage Range	317-500V
Rated DC Input Voltage	380V
PV Input Current	26+26
Max. PV Isc	32+32A
No.of MPP Trackers	2
No.of Strings per MPP Tracker	2
AC Output Data	
Rated AC Output and UPS Power	15000W
Max. AC Output Power	15000W
AC Output Rated Current	41.7A
Max. AC Current	41.7A
Max. Continuous AC Passthrough	80A
Peak Power (off grid)	1.5 time of rated power, 10 S
Generator input/Smart load/AC couple current	41.6 / 80 / 41.6A
Power Factor	0.8 leading to 0.8 lagging
Output Frequency and Voltage	50/60Hz; L1/L2/L3/N(PE) 120/208Vac
Grid Type	<0.5%1n
Efficiency	
Max. Efficiency	97.60%
Euro Efficiency	97.00%
MPPT Efficiency	99.90%
Certifications and Standards	
Grid Regulation	IEEE 1547-2018, IEEE 1547.1-2020, UL 1699B, UL 1998
Safety EMC / Standard	99.90%
General Data	
Operating Temperature Range	-40-60 C, >45 C derating
Cooling	Smart cooling
Noise	<45 dB
Communication with BMS	RS485; CAN
Weight	30.5
Size	408W×638H×237D
Protection Degree	TYPE 3R
Installation Style	Wall-mounted
Warranty	5 years