



● Off Grid Inverter

AU1.6/3/3.6/4/5.5/6.2/6.5/8.6/11KESL-OG



Rich application scenarios



Max. efficiency > 95%



Support dry contact starting generator(Optional)



The parallel current can be dynamically adjusted after paralleling



Operating temperature
-15°C to 55°C



Normal operation of ony-connection PV panels



Supports three-phase output after single-phase parallel operation



Supports multiple parallel machines, up to 9 parallel



The maximum current of a single string module is 20A

Technical Specification

	AU1.6KESL -OG	AU3KESL -OG	AU4KESL -OG	AU6.2KESL -OG	AU8.6KESL -OG	AU11KESL -OG
PV INPUT						
PV Charging Method	MPPT					
Max. PV Input Power [W]	2000	3000	5000	6200	2*5500	
MPPT Tracking Range [V]	30~500	60~500				90~500
Max. PV Input Voltage [V]	500					
Max.PV Input Current [A]	13	18	27	27	27 (MAX.36)	
AC OUTPUT-GRID						
Output Voltage [V]	/	208/220/230/240±5% (Feed-in Grid Voltage Range:195~253)				
Power Factor	/	>0.99				
Output Current [A]	/	17.4	26.9	37.4	47.8	
Frequency [Hz]	50/60±0.1%					
AC OUTPUT-LOAD						
Rated Power [W]	1600	3000	4000	6200	8600	11000
Transfer Time (Adj ustable)	10ms for Computer Equipment, 20ms for Household Equipment					
Output Voltage [V]	220/230/240VAC±5%					
Output Frequency [Hz]	50/60±0.1%					
Waveform	Pure sine wave					
Switching Time (settable) [ms]	Computer equipment 10, household appliances 20					
Peak Power [VA]	3200	6000	7200	12400	17200	22000
Overload Capacity	Battery Mode : 21s@102%~110% load 10s@110%~130% load 3s@130%~150% load 400ms@>150% load					
Max. Efficiency (DC/AC)	>98%					
AC INPUT						
Input Formation	L+N+PE					
AC Input [V]	220/230/240					
Input Voltage Range [V]	90~280VAC±3V (Normal Mode) 185~264VAC±3V (UPS Mode)					
BATTERY PARAMETERS						
Rated Voltage [V]	12	24	48			
Constant Charging Voltage [V]	14.1	28.2	56.4			
Float Charging Voltage [V]	13.5	27	54			
Max. PV Charging Current [A]	100	120		150		
Max. AC Charging Current [A]	60	100		150		
Max. Charging Current [A]	100	120		150		
OTHERS						
Operating Temperature Range [°C]	-10~+50					
Storage Temperature Range [°C]	-15~+60					
Operating Altitude [m]	No more than 1000m, If 1000m <,Rate power will lower, MAX 4000m, Refer					
Ingress Protection	IP21					
Noise [dB]	≤50					
LCD Interface	Can display operating mode/load/input/output					
RS232	5PIN/Pitch2.54mm,Baud Rate 2400					
Expansion Slot Communication	Lithium Battery BMS Communication Card,WIFI 2×5PIN/Pitch2.54mm					
Parallel Interface	Not Support Parallel					
Size (WxHxD) [mm]	404*304*114	436*330*138		601*360*163		
Weight [Kg]	5.5	6	7.5	8.5	19.3	
Warranty	1 years					
Comapatible Batteries	Austa; Pylontech;Voltronic,Growatt					