

austa



● Off Grid Inverter

AU1.6/3/3.6/5.5/6.2/8.6/11KESL-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	AU3.6KESL-OG	AU5.5KESL-OG	AU6.2KESL-OG	AU8.6KESL-OG	AU11KESL-OG
PV INPUT							
PV Charging Method	MPPT						
Max. PV Input Power [W]	2000	5000	5000	7500	7500	2×5500	2×5500
MPPT Tracking Range [V]	40-500	60-500	60-500	60-500	60-500	90-500	
Max. PV Input Voltage [V]	500						
Max.PV Input Current [A]	/	18	18	27	27	18/18	
AC OUTPUT (LOAD)							
Rated Power [W]	1600	3000	3600	5500	6200	8600	11000
Dual Output Power [W]	/	3000W/3000W	3600W/3600W	5500W/5500W	6200W/6200W	8600W/8600W	11000W/11000W
Second Load Cut Off Voltage [V]	/	22V			44V		
Second Load Return Voltage [V]	/	26V			52V		
Transfer Time (Adj ustable)	10ms for Computer Equipment,20ms for Household Equipment						
Output Voltage [V]	208/220/230/240VAC±5%					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 [V]	3200	6000	7200	11000	12400	17200	22000
Overload Capacity	Battery Mode : 21s@102%-110% load 10s@110%-130% load 3s@130%-150% load 400ms@>150% load					21s@105%-150% Load 11s@150%-200% Load 400ms@>200% Load	
Peak Efficiency (Battery Mode)	>94%					>98%	
AC INPUT (GRID)							
Output Voltage	/	208/220/230/240VAC±5% (Feed-in Grid Voltage Range:195-253VAC)					
Power Factor [V]	/	>0.99					
Output Current [A]	/	13.6	16.3	23.9	26.9	34.7	47.8
Frequency Range [Hz]	/	50/60±0.1%					
AC INPUT							
Input Formation	L+N+PE						
AC Input [V]	220/230/240						
Input Voltage Range [A]	90-280VAC±3V(Normal Mode)185-264VAC±3V (UPS Mode)						
BATTERY PARAMETERS							
Rated Voltage [V]	12	24			48		
Constant Voltage Charging Voltage [V]	14.1	28.2			56.4		
Float Charging Voltage (Settable) [V]	13.5	27			54		
Max. PV Charging Current [A]	100			120		150	
Max. Mains Charging Current [A]	60	80		60	100	120	150
Max. Charging Current [A]	100			120		150	
OTHERS							
Operating Temperature Range [°C]	0~+40			-10~+50			
Storage Temperature Range [°C]	-15~+60						
Operating Altitude [m]	No more than 1000m, If 1000m <,Rate power will lower, MAX 4000m, Refer						
Noise [dB]	≤50						
LCD Interface	AC input Voltage,AC input frequency,PV Voltage,PV Current,Output Voltage,Output Frequency, Battery Voltage,Load Current,etc						
RS232	5PIN/Pitch2.54mm,Baud Rate 2400						
Expansion Slot Communication	2 × 5PIN/Pitch2.54mm , Lithium battery BMS communication card 、 WIFI, etc						
Parallel Interface	Not Support Parallel			Support Parallel			
Size (WxHxD) [mm]	395*285*118		495*312*125			570.8*500*148.2	
Weight [Kg]	7	11	11.2	11.8	12	22.3	22.5
Warranty	2 years						
STANDARD							
EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1							