

# austa<sup>o</sup>



## ● Off Grid Inverter

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



Dual back up output



Max. efficiency > 95%



Compatible with grid and support to sell electric energy



The parallel current can be dynamically adjusted after paralleling



Normal operation of ony-connection PV panels



The maximum current of a single string module is 20A



Support dry contact starting generator(Optional)



Supports multiple parallel machines, up to 9 parallel



Supports three-phase output after single-phase parallel operation

# Technical Specification

	AU1.6KESL-OG	AU3KESL-OG	AU4KESL-OG	AU5.5KESL-OG	AU6.5KESL-OG	AU8.6KESL-OG	AU11KESL-OG
<b>PV INPUT</b>							
PV Charging Method	MPPT						
Max. PV Input Power [W]	2000	5000	6500	7500	8500	2*5500	2*6500
MPPT Tracking Range [V]	40-500	60-500	60-500	60-500	60-500	90-500	90-500
Max. PV Input Voltage [V]	500						
Max. PV Input Current [A]	13	18	27	27	27A (MAX.36A)	27A (MAX.36A)	27A (MAX.36A)
<b>AC OUTPUT-GRID</b>							
Output Voltage [V]	208/220/230/240±5% (Feed-in Grid Voltage Range:195-253)						
Frequency [Hz]	50/60±0.1%						
Output Current [A]	/	13.6	16.3	23.9	26.9	34.7	47.8
Power Factor	>0.99						
<b>AC OUTPUT -LOAD</b>							
Rated Power [W]	1600	3000	4000	5500	6500	8600	11000
Dual Output Power [W]	/	3000/3000	3600/3600	5500/5500	6200/6200	8600/8600	11000/11000
Second Load Cut Off Voltage [V]	/	22				44	
Second Load Return Voltage [V]	/	26				52	
Output Voltage [V]	208/220/230/240±5%						
Output Wave	Pure Sine Wave						
Transfer Time(Adj ustable)	10ms for Computer Equipment,20ms for Household Equipment						
Peak Power [V]	3200	6000	7200	11000	12400	17200	22000
Overload Ability	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%	
Frequency [Hz]	50/60±0.1%						
Peak Efficiency(Battery Model)	94%	94%	94%	94%	94%	94%	94%
<b>AC INPUT</b>							
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)						
<b>BATTERY PARAMETERS</b>							
Rated Voltage [V]	12	24			48		
Constant Charging Voltage	14.1	28.2			56.4		
Float Charging Voltage	13.5	27			54		
Max. PV Charge Current [A]	100	100	120	100	120	150	150
Max. AC Charge Current [A]	60	60	100	100	100	120	150
Max. Charge Current [A]	100	100	120	100	120	150	150
<b>OTHERS</b>							
Operating Temperature [°C]	0~40			0~40			
Storage Temperature [°C]	-15~60						
Operating Humidity	20%-95%(Non-condensing)						
Operating Altitude [m]	No more than 1000m, If 1000m <,Rate power will lower, MAX 4000m, Refer						
Noise [dB]	<50						
LCD	LCD ALREADY, LED TOUCH SCREEN OPTIONAL						
RS232	5PIN/Pitch2.54mm,Baud Rate 2400						
Expansion Slot Communication Interface	2 × 5PIN/Pitch2.54mm , Lithium battery BMS communication card , WIFI, etc						
Parallel Interface	Not Support Parallel			Support Parallel Optional			
L*W*H [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						
<b>STANDARD</b>							
EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1, IEC 61683							

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