

# Off Grid Inverter











AU5KESL-OGLF

AU6.4KESL-OGLF

AU8KESL-OGLF

AU10KESL-OGLF

## Advantage

-  Pure sine wave output
-  Can support WIFI / GPRS
-  MPPT Efficiency max 98%
-  Optional built-in MPPT/PWM30-60A controller
-  DC Start & Automatic Self-Diagnostic Function
-  Automatically send signal to start generator
-  High efficiency design for optimized battery performance
-  Selectable charging current based on applications
-  AC start-up voltage auto restart voltage
-  lead acid battery/Lithium battery



Model	AU5KESL-OGLF	AU6.4KESL-OGLF	AU8KESL-OGLF	AU10KESL-OGLF
<b>PV Input</b>				
Max. DC input power(W)	6400			
Rated DC input voltage range (V)	60-150(200 for customisation)			
Max. PV display open circuit voltage(V)	60-150(200 for customisation)			
Optimum Vmp operating range(V)	60-105			
<b>AC Output</b>				
Rated output power(W)	5000	6400	8000	10000
Rated output voltage under mains(V)	220(standard) / 110 (customised)			
Rated output frequency under mains(Hz)	50/60±5%			
Rated output voltage under inverter(V)	220±10% (110±10%)			
Rated output frequency under inverter(V)	50/60±1%			
Inverter output waveform	Simple harmonic vibration			
Load peak ratio	(MAX)3:1			
<b>AC Input</b>				
Rated input voltage(V)	220(standard) / 110 (customised)			
Rated input voltage range(V)	220 model: 154-264±3(normal mode) 185-264±3(UPS mode) 110 model: 77-132±3 (normal mode) 92-132±3 (UPS mode)			
Rated input frequency(Hz)	50/60±5%			
<b>Battery Parameters</b>				
Battery Type	External lead-acid or water batteries or lithium batteries			
Rated voltage(V)	48			
Battery charging voltage(V)	54.8			
Max. PV charging current(A)	120			
Max. AC charging current(A)	29	38	48	60
Conversion time(ms)	≤10(UPS mode)/≤20(INV mode)			
<b>Others</b>				
Operating temperature range(°C)	0~40			
Storage temperature range(°C)	-15~45			
Relative temperature range(°C)	-10~90no condensation			
Noise(dB)	< 45			
Standby power consumption (W)	Toroidal Power Transformers 32			
Protection function	Under mains power: input overcurrent without fuse switch protection Under inverter: overload protection, short-circuit protection, low voltage protection, battery reverse connection protection (fuse)			
Status display	Colour segment code screen plus LED display			
Sound alert	Buzzer according to the fault code, the alarm sound is different, with a long and short tone to distinguish between			
Size (w×h×d mm)	667*504*257			
Weight (kg)	27.5	35	38	52
Warranty	2 years			
<b>Standard</b>				
EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1				