











# Off Grid Inverter

AU2.4KESL-OGLF  
AU4KESL-OGLF

AU3KESL-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	AU2.4KESL-OGLF	AU3KESL-OGLF	AU4KESL-OGLF
<b>PV Input</b>			
Max. DC input power(W)	1600	1600	3200
Rated DC input voltage range (V)	MPPT 30-150 / PWM 30-60(105 for customisation)		MPPT 60-150/ PWM 60-105
Max. PV display open circuit voltage(V)	MPPT 150 / PWM 60(105 for customisation)		MPPT 150/ PWM 105
Optimum Vmp operating range(V)	MPPT 30-105/ PWM 30-40		MPPT 60-150/ PWM 60-80
<b>AC Output</b>			
Rated output power(W)	2400	3000	4000
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)	24	24	48
Battery charging voltage(V)	27.4/ 54.8		
Max. PV charging current(A)	60		
Max. AC charging current(A)	30	38	24
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 Transformers 24V machine: 16W 48V machine: 32W		
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)	490*312*125		
Weight (kg)	17	19.4	23
Warranty	2 years		
<b>Standard</b>			
EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1			