

Off Grid Inverter

AU0.3KESL-OGLF

AU0.8KESL-OGLF











AU1.2KESL-OGLF

AU0.5KESL-OGLF

AU1KESL-OGLF

AU1.6KESL-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	AU0.3KESL-OGLF	AU0.5KESL-OGLF	AU0.8KESL-OGLF	AU1KESL-OGLF	AU1.2KESL-OGLF	AU1.6KESL-OGLF
PV Input						
Max. DC input power(W)	800					1600
PV input voltage range (MPPT)	PWM 15-30 (50 for customisation)					30-60(105 for customisation)
Optimum Vmp operating range(V)	15-20					30-40
Max. PV display open circuit voltage(V)	PWM 30 (50 for customisation)					PWM 60 (105 for customisation)
AC Output						
Rated output power(W)	300	500	800	1000	1200	1600
Output voltage under mains(V)	220 (standard) / 110 (customised)					
Output frequency under mains(Hz)	50/60±5%					
Output voltage under inverter(V)	220±10% (110±10%)					
Output frequency under inverter(Hz)	50/60±1%					
Inverter output waveform	Simple harmonic vibration					
Peak load ratio	(MAX)3:1					
AC Input						
Rated AC 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%					
Battery Parameters						
Battery Type	External lead-acid or water batteries or lithium batteries					
Rated voltage(V)	12					24
Battery charging voltage(V)	13.7					27.4
Max. PV charging current(A)	60					
Max. AC charging current(A)	10	15	19	25	29	19
Conversion time(ms)	≤10(UPS mode)/≤20(INV mode)					
Others						
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 8					Toroidal Power Transformers 16
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)	345*254*105					400*270*120
Weight(kg)	6	7.1	7.4	8.3	10	13.9
Warranty	2 years					
Standard						
EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1						