



011K-P1LA Single Phase Off-Grid Inverter



Main Features

- (H) High frequency inverter, lighter weight with higher efficiency.
- (W) Output power factor PF.1.
- (B) lithium battery activation start function with ac and solar mode.
- (P) Parallel function to expansion power.
- (S) Higher solar charging efficiency and battery protection.
- (S) Pure sine wave output, adaptable to different loads.

Technical Parameters / Model	011K -P1LA
Input	
Phase	L+N+PE
Nominal Voltage	208/220/230/240VAC
Voltage Range	90~280VAC+3V(Normal Mode)170~280VAC+3V(UPS Mode)
Frequency Range	50Hz/60Hz(Adaptive)
Output	
Rated Power	11000w
Output Voltage(AC)	220/230/240VAC+5%
Output Frequency	50/60Hz±0.1%
Waveform	Pure sine wave
Transfer Time(Optional)	≤10ms(UPS mode)/≤20ms (INV mode)
Peak power	22000VA
Overload	Battery Mode :
	1min@102%~110% Load
	10s@110%~130%
	Load3s@130%~150%
Peak efficiency (battery mode)	Load200ms@>150% Load
Battery	
Rated voltage	48Vdc
Constant voltage charging voltage (Optional)	56.4Vdc
Floating charge voltage (Optional)	54Vdc
Charger	
PV charging method	MPPT
PV max input power	11000W
MPPT tracking range	120~500Vdc
Max PV input voltage	500Vdc
Max PV charging current	150A
Max AC charging current	120A
Max charging current	150A
Display	
LCD display	Operating mode/load/input/output, etc
Communication port	
RS232	5PIN/Pitch 2.0mm, baud rate 2400
Expansion & configuration port	2x5PIN/Pitch 2.54mm, lithium battery BMS communication card, WiFi card, dry contact card, etc.
Parallel interface	Yes
Environmental parameters	
Operating environment temperature	0~40°C
Operating environment humidity	20%~95%(Non condensing)
Storage temperature	-15~60°C
Altitude	The altitude should not exceed 1000m, derating above 1000m, up to 4000m, refer to IEC62040
Noise	≤50db
Display	
Certification	EN-EC 60335-1.EN-EC 60335-2-29.IEC 62109-1