

AUO111E Series

Integrated Outdoor Online UPS 1P/1P, 1-10KVA

Telecom



Industry



Local area Network



Nominal voltage: 220/230/240VAC
Nominal frequency: 50/60Hz
Output Power factor: 1.0



Applications

AUO111E Series Ups is commonly used in bad environment, such as high temperature (+75 °C) / Low temperature (-40 °C), severe dust, moisture, rain, mist erosion. It also suitable to the areas with very poor power quality such as high voltage, low voltage and abnormal frequency.

Features

- ❖ Online Double Conversion Topology
- ❖ High temperature resistant
- ❖ Anti -Cold
- ❖ Wide input voltage and frequency tolerance
- ❖ IP55 sealing level
- ❖ IGBT switching technology
- ❖ High system efficiency
- ❖ Built-in manual bypass switch
- ❖ Built-in Lithium battery
- ❖ Full connectivity option - RS232, RS485, smart slot



Battery Features

1. The system uses environmental-friendly Lithium iron phosphate batteries and is equipped with high performance BMS to manage the battery cell efficiency.
2. Rack design, easy installation and front maintenance
3. Equipped with communication function, protection function for overcharge, over discharge and over temperature, and battery equalization technology.
4. Use in parallel for more large capacity



Technical specifications

Part Number	AUO111001E	AUO111002E	AUO111003E	AUO111006E	AUO111010E
Capacity	1KVA/1KW	2KVA/2KW	3KVA/3KW	6KVA/6KW	10KVA/10KW
Nominal voltage	220/230/240VAC				
Frequency	50Hz/60Hz				
Input					
Voltage Range	115~295VAC(±3VAC)			176~297VAC(±3VAC)	
Frequency Range	50Hz (46~54 Hz) ; 60Hz (56~64 Hz)				
Soft Start	0~100% 5sec				
Power factor	0.98				
Output					
Voltage Precision	220/230/240VAC X (1±2%)VAC				
Frequency Precision	50Hz/60Hz±0.05Hz				
Power Factor	1.0				
Wave Distortion	Linear load<3% Non-linear load<6%				
Overload capability	Overload(110~150%)for 30 seconds,then automatically transfer to bypass.When load is normal, it can automatically transfer to normal mode				
Crest Factor	3:1				
Transfer time	0ms (AC to DC)				
DC Supply Voltage	48VDC	48VDC	48VDC	192VDC	192VDC
Charging current	4A/8A(optional)	4A/8A(optional)	4A/8A(optional)	4.2A	4.2A
Internal Battery Capacity	LifePo4 battery pack 50AH/100AH (Optional)			LifePo4 battery pack 50AH	
Panel display					
LED	Load level/Battery level ,Battery indicator,Utility power,Inverter ,Bypass,Overload ,Fault				
Communications					
Communicate interface	RS232, SNMP card (optional)				
Work Environment					
Temperature	- 40℃~ 75℃				
Humidity	0~95%(Non-condensing)				
Storage Temperature	- 40℃~ 75℃				
Elevation	<1500m				
Physical Characteristics					
Net Weight(KG)	85	125	125	150	150
Dimensions:(WxDxH)mm	562* 345* 680	562* 345* 680	562* 345* 680	940* 940* 1770	940* 940* 1770

STANDARD: Conform to GB/IEC regulation: EMC:GB7260.2/IEC62040-2 -GB/17626.2~5/IEC61000-4-2~5 SAFETY:GB4943