

# AMAK 910 HIGH FREQUENCY UPS

## 6-20KVA(1 Ph in/1Ph out & 3 Ph in/1Ph out)



### ► Product snapshot:

Model: 6-20KVA

Nominal voltage: 208/220/230/240VAC

Nominal frequency: 50/60Hz

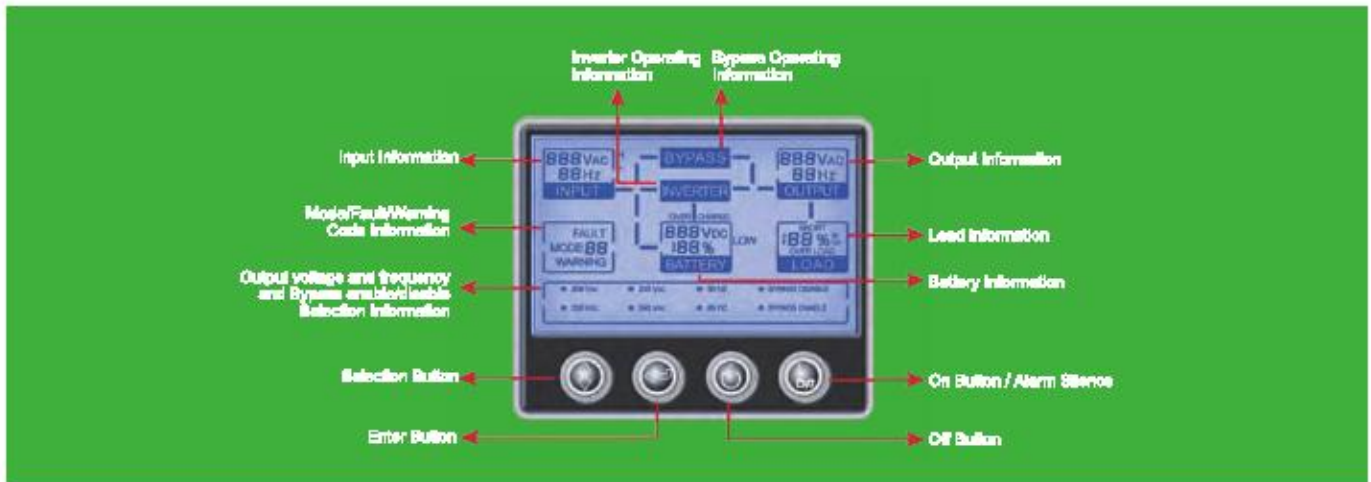
Output Power factor: 0.7/0.8 (Optional)

### Key Features

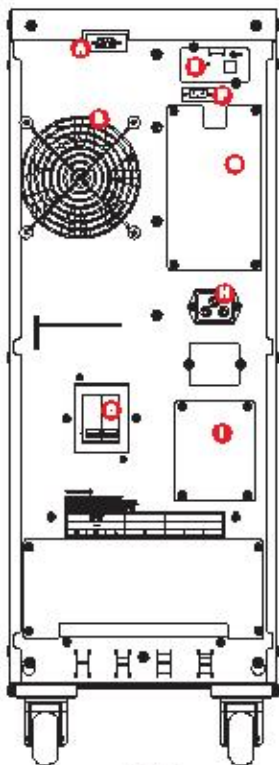
- Large blue back light LCD for detailed real-time UPS status display.
- Advanced online pure sinewave power supply system, with bypass maintain switch, it can provide a reliable, high quality AC power source to the precision equipments, can be used widely in different fields.
- Widely used to computer equipments, telecommunication systems and Industrial automatic control equipments.
- Truly online design, it can adjust the input voltage, filtering, when the AC break off, the UPS will provide an uninterruptible power source from the backup batteries.
- UPS will change to bypass mode when overloading or inverter fault, when over-loading remove, UPS will turn to inverter mode automatically.
- N+X Parallel Redundancy and Capacity expansion for 6K-20K (Up to three units) .



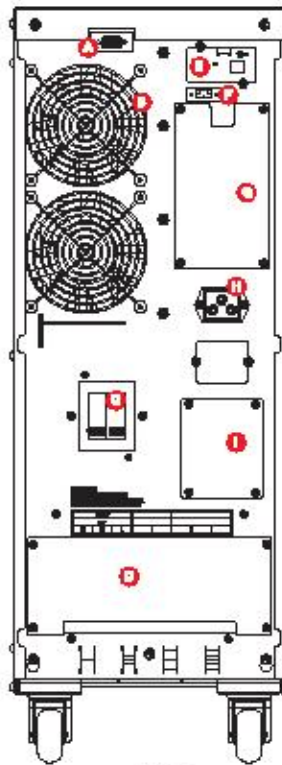
## Trendy & Elegant LCD Design for real-time UPS system Information



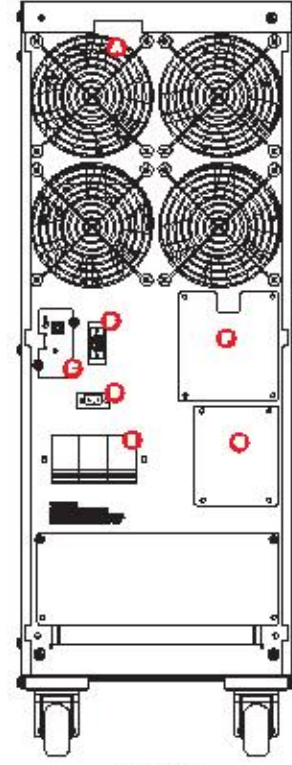
### Back Panel Description:



6KVA



10KVA



16/20KVA

- Ⓐ Communication Port
- Ⓛ Cooling Fan
- Ⓜ Input Breaker
- Ⓝ Terminal Block Cover
- Ⓟ Intelligent Slot/USB Port (Optional)
- Ⓠ EPO
- Ⓡ Parallel Port
- Ⓢ External Battery Socket (For Long Backup Time UPS Only)
- Ⓣ Maintenance Bypass Switch

- Ⓐ Communication Port
- Ⓛ Cooling Fan
- Ⓜ Input Breaker
- Ⓝ Terminal Block Cover
- Ⓟ Intelligent Slot/USB Port (Optional)
- Ⓠ EPO
- Ⓡ Parallel Port
- Ⓢ External Battery Socket (For Long Backup Time UPS Only)
- Ⓣ Maintenance Bypass Switch

- Ⓐ Fan
- Ⓛ RS232
- Ⓜ Intelligent Slot/USB Port (Optional)
- Ⓝ EPO
- Ⓞ Input Breaker
- Ⓟ Parallel Port
- Ⓠ Maintenance Switch

**AMAK910 series Technical Specifications**

Model	6-10KVA				
	8KT	8KT-XL	10KT	10KT-XL	
Rated Power	8KVA/4.2KW		10KVA/7KW		
Rated Voltage	220/230/240VAC				
Rated Frequency	50/60 Hz				
<b>Input</b>					
Voltage Range	178~279VAC (±3VAC)				
Frequency Range	50HZ: (48~54HZ) ; 60HZ: (58HZ~64HZ)				
Power Factor	0.88				
<b>Output</b>					
Voltage Regulation	208/220/230/240X (1±2%)VAC				
Frequency Regulation	50/60 Hz±0.05Hz				
Power Factor	0.7/0.8 (Optional) Standard 0.7				
Voltage Distortion	Linear load<3% Non-linear load<6%				
Overload Capability	105%~130% for 10 min; >130% for 1min				
Current Crest Ratio	3 : 1				
Transfer Time	Dms (AC mode→Battery mode)				
<b>Battery</b>					
DC Voltage	240 VDC				
Recharge Time	7hrs to 90% of capacity after full load discharge				
Recharge Current	2A	4.2A	2A	4.2A	
<b>Display</b>					
LCD	Display Input/output Voltage, Frequency, Battery voltag, Battery capacity, Loading rate.				
<b>Communication</b>					
Interface	Smart RS232- SNMP card (optional) . USB (optional)				
<b>Environment</b>					
Operation Temperature	0~40℃				
Humidity	0~85% (Non-condensing)				
Storage Temperature	-25℃~55℃				
Sea Level Elevation	<1500m				
Noise Level (1m)	<55dB				
<b>Physical Characteristic</b>					
Weight (KG)	N.W	79.0	33.5	81.5	38.0
	G.W	87.5	39.5	90.0	42.0
Dimensions : (Wx D x H)mm	260X570X717				

STANDARD: Conform to GB/IEC regulation: EMC:GB7260.2/IEC82040-2 GB/17626.2~/IEC61000-4-2~5 SAFETY:GB4943

Note: Product specifications are subject to change without further notice.