



## ON-LINE UPS 1Phase Out

### ONLINE UPS-AL

900VA- 7.5KVA



#### Application:

Server and Medical Equipments



MAKE IN INDIA



## Features:

- . Low frequency and Triple conversion online technology
- . Conversion Type AC-DC, DC-DC, DC-AC
- . Fully DSP control
- . Wide input voltage range
- . Highly Efficient upto 93%
- . High input power factor 0.99
- . LCD Display
- . Cold Start
- . IGBT both Inverter & Rectifier stage
- . Advanced battery management
- . Automatic battery charge in UPS OFF mode
- . Short circuit & overload protection
- . EMI/RFI noise filter
- . smart RS232 communication with monitoring software
- . Optional SNMP card slot
- . High reliability digital control
- . Full protection function

Rear Panel



Terminal Block



## Technical Specifications

### ONLINE UPS-AL

Capacity (VA)	900/1200/1500 VA	2 KVA/2.5 KVA/3.5 KVA	5 KVA/6 KVA/7.5 KVA
<b>INPUT</b>			
Nominal Voltage	220 / 230 / 240Vac		
Operating voltage range	110-300Vac (Based on load at 50%), 160-280VAC(based on load at 100%)		
Operating frequency range	46-54Hz±0.5Hz or 56-64Hz±0.5Hz (auto sensing)		
Power factor	≥0.99		
<b>OUTPUT</b>			
Output voltage/Power factor	220/230 / 240Vac±2% / 0.8 Std. / 0.9 (Optional)		
Output frequency	50Hz/60Hz±0.5% Synchronized with the utility on AC mode; 50Hz/60Hz±0.2% on Battery mode		
Harmonic distortion (THDv)	<2% (linear load), <5% (Non Linear Load)		
Crest Factor	3:1(max)		
Efficiency	>93%		
<b>BATTERY</b>			
DC Voltage	12/24 Vdc	24/48 Vdc	48/96Vdc 120 Vdc
Battery type & number	5MF, VRLA	12V/7Ahx3	5MF, VRLA 12V/7Ahx8
Back up Time (50% load)	12min		19min 16min
Back up Time (Full load)	5min		8min 5min
Charge Current (standard unit)	1A		
Charge Current (long run unit)	6A / (12A Optional)	6A / (12A Optional)	6A / (12A Optional)
Typical recharge time	8 Hours(to 90% of full capacity)		
Transient response	<3% for 100% Non Linear Load		
<b>SYSTEM FEATURES</b>			
LCD indication	1. Input voltage/frequency, battery voltage, output voltage/frequency, load watt/VA and percent, inverter temperature 2. Operation mode such as "on line", "on batt", or "bypass"		
Overload capability	1. >110%, 30s turn to bypass mode; 2. >150%, 300ms turn to bypass mode		
Transfer time	Between AC Mode and Battery Mode : 0ms Between AC Mode and Bypass Mode : 4ms (typical value 2.5ms)		
Communication interface	RS232 ; SNMP (optional)		
<b>ENVIRONMENTAL</b>			
Operating temperature	0~40 C		
Storage Temperature	-25~55 C		
Humidity range	0%~95% (non-condensing)		
Altitude	<1500m		
Noise Level	<45dB		



**Mfd.by:**

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**Dealer :**