

SALIENT FEATURES



- IGBT based double conversion on-line Topology
- DSP/Microprocessor Controlled
- Wide Input Range
- LCD Display
- Charger for extended backup time
- Scalable Battery option
- Generator Compatible

CERTIFICATION

- RoHS
- OHSAS 18001
- ISO 9001
- ISO 14001

Address : 66 Salkia School Road, 'AAVAS', B Block, Howrah - 711 106

Phone : 8420007562

E-Mail : service@epochelectronica.com

TECHNICAL SPECIFICATIONS FOR **EPOCH 2KVA ON-LINE UPS SYSTEM**

MODEL		AM 3000
Capacity		3 KVA
INPUT		
Voltage Range		160 to 295V (It may be changed as per customer)
Frequency		45 to 55Hz
Power Factor		0.99 to unity
OUTPUT		
Voltage		230VAC
Regulation		±1%
Frequency		50Hz ± 0.05% in free running mode
Waveform		Pure sine wave
Harmonic Distortion		< 3% at full load (non linear load)
		< 2% (linear load)
Crest Factor		03:01
Overload Capacity		110% - for 10 min
Output Power Factor		150% - for 5 cycles
		0.8
BATTERY		
DC Bus Voltage		96V
Charger Type		Built-in solid state float-cum-boost charger with automatic boost/trickle
Transfer Time		0 ms
Battrey Type		VRLA-SMF/Tubular
Charging Current		10% of Battrey AH
INDICATOR		
Multi Function		Battery Level, Load Level, AC Mode, Battery Mode By Pass Mode,fault indicator
LED Display/LCD		
Display		
METERING		
LCD Display		Input Voltage,Input Frequency, Output Voltage, Output Frequency,Output Current,Percentage Load.DC Voltage
AUDIBLE ALARM		
AC Failure		Every 4 seconds
Battery Low		Every seconds when approaches to low level
UPS Fault		Continuous alarm
PROTECTION		
Electronic Protection		Output overload, short circuit, Over temp, Battery low, Over charge,Input Voltage high/low
EFFECIENCY		
Overall		87%
Inverter		> 92%
COMMUNICATION (OPTIONAL)		
		RS232/SNMP Interface (optional)
AMBIENT CONDITION		
Temperature		0-40 degree centigrade
Humidity		0-95% at non condensing
Audible Noise		< 60 db at 1 metre