

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

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TECHNICAL SPECIFICATIONS FOR **EPOCH 10KVA (3:1)ON-LINE UPS SYSTEM**

MODEL		3AM 10000	
Capacity		10KVA	
INPUT			
Voltage Range		345 to 465V (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	
		150% - for 5 cycles	
Output Power Factor		0.8	
BATTERY			
DC Bus Voltage		240 V	
Charger Type		Built-in solid state float-cum-boost charger with automatic boost/trickle	
Transfer Time		0 ms	
Battrey Type		VRLA-SMF	
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		> 90%	
AMBIENT CONDITION			
Temperature		0-40 degree centigrade	
Humidity		0-95% at non condensing	
Audible Noise		< 60 db at 1 metre	