



INDUSTRIAL GRADE UPS

ART-1-8KVA

Features:

Double conversion, True on line isolated UPS

- *Output Isolation transformer between input and output*
- *Input/Output EMI filter*
- *High overload capability*
- *Full protection:*
 - *Overload protection*
 - *Output short protection*
 - *Static switch protection*
 - *Over temperature protection*
- *Intelligent air-flow control, suitable for any dirty operation environment*
- *Battery start (DC Start)*
- *UPS self detection*
- *Concise graphic LCD display*
- *User friendly design and simple operation*
- *Battery charger up to 10 Amp.(Option)*
- *External battery available.(Option)*
- *Battery replacement warning prevents down time.*
- *Generator friendly*



Specifications:

| | | |
|----------------------|--------------------------|----------------------------------------------------------------------|
| MODEL | | ART-1-8KVA-L |
| CAPACITY | KV | 8KVA |
| INPUT | VOLTAGE RANGE | 120VAC \pm 15% |
| | FREQUENCY RANGE | 60 Hz |
| | PHASE | SINGLE PHASE WITH GROUND |
| | POWER FACTOR | \geq 0.95 |
| OUTPUT | VOLTAGE | 120 VAC \pm 1% |
| | FREQUENCY | 60Hz +/- 0.2Hz (BATTERY MODE) |
| | CURRENT CREST RATIO | 3:1 |
| | HARMONIC DISTORTION | < =4%THD (LINEAR LOAD) < =7%THD (NON-LINEAR LOAD) |
| | OUTPUT WAVEFORM | PURE SINEWAVE |
| BATTERY | BATTERY TYPE | SEALED LEAD ACID BATTERY, MAINTENANCE FREE |
| | BATTERY SIZE | 12V/7AH |
| | NUMBER OF BATTERIES | 8 |
| | BACK UP TIME (FULL LOAD) | 30 MINUTES |
| | RECHARGE TIME | 5HRS TO 90% |
| | CHARGING CURRENT | 1.0A |
| | CHARGING VOLTAGE | 110Vdc +/- 0.4V |
| TRANSFER TIME | AC TO AC | ZERO |
| | INVERTER TO BYPASS | 2.5MS (TYPICAL) |
| INDICATOR | STATUS | LOAD LEVEL / BATTERY LEVEL / BATTERY MODE / AC MODE / BYPASS / FAULT |
| AUDIBLE ALARM | BATTERY MODE | SOUNDING EVERY 4 SECONDS |
| | BATTERY LOW | SOUNDING EVERY SECOND |
| | OVERLOAD | SOUNDING TWICE EVERY SECOND |
| | FAULT | CONTINUOUSLY BEEPING |
| DIMENSION | WIDTH (MM) | 192 |
| | DEPTH (MM) | 460 |
| | HEIGHT (MM) | 340 |
| WEIGHT | NET WEIGHT | 32KGS |
| ENVIRONMENT | OPERATING TEMPERATURE | 0-40°C; 32-104°F |
| | RELATIVE HUMIDITY | 20-90% (NON-CONDENSING) |
| | NOISE LEVEL | <45dB (AT 1 METER) |
| INTERFACE | SMART RS-232 | SUPPORT WINDOWS 95/98/NT/2000, NOVELL AND LINUX |
| | SNMP (OPTION) | POWER MANAGEMENT FROM SNMP MANAGEMENT AND WEB BROWSER |
| DIMENSION W*H*D (mm) | UPS | 310*900*660 |
| NET WEIGHT | UPS | 320 Kg |