



GIGA

On-Line UPS Leaders, Bangladesh

True On-line Double Conversion UPS



About True On-Line UPS

As new and innovative technologies have become the backbone of today's business, maximum system availability is critical and downtime is more expensive than ever. Increasingly business need a UPS that not only protects against blackouts, but also virtually eliminates more frequent and subtle power disturbances may also create unnecessary production, service and data recovery costs. A True Regenerative On-line UPS provides the highest level of protection against the widest spectrum of power problems. The incoming AC utility source is converted to a regulated DC voltage. From this DC voltage, a new AC Voltage is regenerated, providing continuous clean, tightly regulated power to your equipment; if your equipment operation is "Mission Critical", a true double conversion On-Line UPS, such as GIGA UPS is the only clear choice.

Features:

- True Regenerative On-Line Design
- On-line Support (software Management) (optional)
- Input power Correction
- Microprocessor Control and Communications
- Compact size, lightweight
- No transformer multi tap switching relays
- LED/LCD status display
- Status Indication (Dual compartment)
- Two state battery alarm
- No break computer grade sine wave output
- Wide input voltage Range
- High efficiency
- Over Crest Ratio factor
- Generator Compatibility
- RS. 232 Communications
- Site wiring Fault Indicator
- UPSILON monitoring and auto-Shutdown software

Application

- Computer and computerized equipment
- Medical Equipment
- Laboratory Equipment
- Telecommunication equipment
- Satellite & Broadcasting equipment
- Other microprocessor base sensitive equipment



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| SERIES | ONL (VA) | ONL (VA)M | ONL (VA)L | ONL (VA)XL | ONL (VA)XXL |
|---------------------------|----------------|----------------|-----------------|-----------------|-----------------|
| BACK-UP-TIME AT FULL LOAD | 15 MIN | 30 MIN | 60 MIN | 120 MIN | 240 MIN |
| BACK-UP-TIME AT HALF LOAD | 30 MIN | 60 MIN | 120 MIN | 240 MIN | 480 MIN |
| BATTERY TYPE | SMF | SMF | SMF/ INDUSTRIAL | SMF/ INDUSTRIAL | SMF/ INDUSTRIAL |
| BATTERY WARRANTY | 12/24/36 MONTH | 12/24/36 MONTH | 12/24/36 MONTH | 12/24/36 MONTH | 12/24/36 MONTH |
| UPS WARRANTY | ONE YEAR | ONE YEAR | ONE YEAR | ONE YEAR | ONE YEAR |

| MODEL | | ONL 1000 | ONL 2000 | ONL 3000 | ONL 5000 | ONL 6000 | ONL 7.5 K | ONL 10 K |
|-------------------------------|---|--|---------------------|-------------|---|-------------|-----------|-------------|
| CAPACITY | | 1000VA | 2000VA | 3000VA | 5000VA | 6000VA | 7.5 KVA | 10 KVA |
| Input | Voltage Range | When load <70%, input range is 115 ±5VAC ~ 295±5VAC When load <70%, input range is 160 ±5VAC ~ 295±5VAC | | | | | | |
| | Frequency Range | 46~54Hz ± 0.5Hz or 56~64Hz ± 0.5Hz auto sensing | | | | | | |
| | Phase | Single phase | | | | | | |
| | Power Factor | >0.97 | | | | | | |
| Output | Voltage Range | 220/230Vac ± 0.1% | | | | | | |
| | Frequency Range | 50Hz/60Hz ± 0.2% | | | | | | |
| | Power Factor | 0.7/0.8/0.9 | | | | | | |
| | THD (linear load) | <3% | | | | | | |
| | THD (non-linear load) | <6% | | | | | | |
| | Overload Capability | >1 10%, 30s turn bypass mode; >150%, 300ms turn to bypass mode | | | 110% ~ 150%, 10 min turn to bypass mode > 130%, 1s turn to bypass mode | | | |
| | Crest Factor | 3:1 (max) | | | | | | |
| | Short Circuit Protection | 5 cycles turn off inverter, no transfer to bypass, provide alarm (AC mode), 5 cycles turn off inverter, Provide alarm (battery mode), Input fuse blown or breaker action (bypass mode) | | | Current Umt turn off out automatically selctch Protection. | | | |
| | Wave form | Pure sine wave | | | | | | |
| | Transfer Time Between AC Mode and Battery Mode | 0 ms | | | | | | |
| Efficiency | 83% | | | 85% | | 88% | | |
| Battery | Model | 12V Sealed lead acid maintenance free | | | | | | |
| | DC Voltage | 36VDC | 72/96VDC | | 192/240VDC | | | |
| | Battery | 3x12V/7AH | 6x2/7AH / 8x12V/7AH | | | | | |
| | Charge Current (standard Backup) | 0.7A | 0.7A | | 0.7A | | 1 A | |
| | Charge Current (long Backup) | 5/10A | 5/10A | | 7/10A | | 7/10A | |
| | Recharge Time | | | | | | | |
| Standards of Protection Class | Safety: EN 62040-1-1 and directive 2006/95/EC; EMC: EN 62040-2. Over and Under Voltage, Over Charging, Low Battery, Over Load, Surge, Spike & Short Circuit & Protection. | | | | | | | |
| Communication Interface | RS 232, RJ 45 SNMP (optional) | | | | | | | |
| LED 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 "on bypass" | | | | | | | |
| LED Indication | 1. Green LED for normal operation. 2. Yellow LED for warning condition. 3. Red LED for abnormal operation. | | | | | | | |
| Noise. Level | <45dB | | | | <55dB | | | |
| Environment | Temperature | 0~40°C | | | | | | |
| | Humidity | 0%-95% (non-condensing) | | | | | | |
| | Allitude | <1500m | | | | | | |
| | Storage Temperature | -25~55°C | | | | | | |
| Others | Unit Dimension (W×D×H)mm | 144×419×215 | 144×419×215 | 191×478×339 | 191×478×339 | 230x635x700 | | 305x650x700 |

*** Product design & specification may be changed without prior notice.



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