



Trigger True Online double conversion **MasterGuard RT Series UPS** is rated at 10kVA to 40kVA, equipped to provide clean and quality backup power supply to the equipment supported.

The design suits most installation in offices, banks, Data Centre, to continuously provide power protection to enterprise servers, networking equipment, telecommunication systems, security system, and many other critical applications.

MasterGuard RT Series UPS has the flexibility to configure to 3/3 (default) and 3/1 for its input and output voltages. By adopting the latest 3-level IGBT and DSP control technology, it makes MasterGuard an excellent choice for Data Centre with the ease of future capacity expansion. **MasterGuard RT Series UPS** mounted in cabinet compatible with 19" standard equipment rack also reduces the footprint of the entire UPS System. The system intelligently control the whole process of the charging and discharging, effectively improving the lifetime of the battery.



Computer/
Server



Network
Peripherals



Telecom



Security



Key Features

- Rack Design
- High Efficiency up to 95.5%
- Integrated Solution for Data Center
- Intelligent Charging Management
- Flexible Configuration
- Friendly LCD Interface

MasterGuard RT Series

10 - 40 KVA

UNINTERRUPTIBLE POWER SUPPLY





MasterGuard RT Series



MODEL	MasterGuard RT Series					
Model (3/3P)	MAG3310LRT	MAG3315LRT	MAG3320LRT	MAG3325LRT	MAG3330LRT	MAG3340LRT
CAPACITY						
Capacity (VA)	10 kVA	15 kVA	20 kVA	25 kVA	30 kVA	40 kVA
Capacity (W)	10 kW	15 kW	20 kW	25 kW	30 kW	40 kW
INPUT						
Phase	(3/3P) 3P + N + G (380/400/415V)					
Voltage Range	304 to 478 VAC (line-line), 100% load or 228 to 304VAC load derated from 100% - 75% linearly					
Frequency Range	40 - 70 Hz					
OUTPUT						
Nominal Voltage	3 x 380/400/415 VAC (3/3P)					
Voltage Range	+1.5% to -1.5%					
Frequency	50/60 Hz					
Wave Form	Pure Sinewave					
Transfer Time	0 ms					
Total Harmonics Distortion (THD)	< 1% Linear Load; < 5.5% Non-linear Load		< 1.5% with Linear Load; < 6% with Non-linear Load according to IEC/EN62040-3			
Crest Factor	3 : 1					
Overload Capacity	110% for 1 hour; 125% for 10 minutes; 150% for 1 minutes; 200ms for >150%					
BATTERY						
Type	Valve-Regulated Maintenance Free Sealed Lead Acid					
Battery Rating	Dependable on battery runtime requirement					
No. of Batteries	40 blocks					
DC Voltage	± 240 VDC					
Charging Current (max)	20% System power					
INDICATIONS						
LCD + LED	5.5" colour touch screen LCD + LED + Keyboard					
SYSTEM						
Efficiency	Line mode: 95%; Battery mode: 94.5%		Line mode > 95.5%; Battery mode > 95%		Line mode > 96%; Battery mode > 95.5%	
IP Class	IP20					
ENVIRONMENT						
Operating Temperature	0° to 40°C (32° to 104°F)					
Relative Humidity	0% to 95% Non-condensing					
Noise Level at 1 meter	65dB @ 100% load, 62dB @ 45% load					
COMMUNICATION						
Interface (Standard)	RS232, RS485, Programmable Dry Contacts					
SNMP (Optional)	Power Management from SNMP Manager and Web Browser					
PHYSICAL						
Dimension (W x D x H) mm	438 x 780 x 130 (3U)			438 x 700 x 174 (4U)		
Weight (kg)	25		30		41	
CERTIFICATIONS						
Safety Approvals	CE					

Note: The product specification listed is subjected to change without notice.

