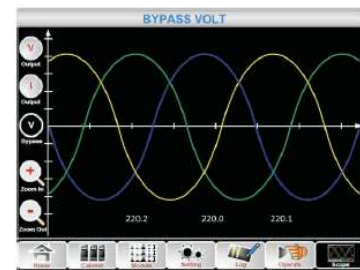


Model # MURM500/25X

25-500KVA/500KW, 380/400/415V, 50/60Hz True Hot Swappable Modular On-line Double Conversion UPS

Product Description

The MURM500/25K Modular UPS with unity power factor true hot swappable power modules provides the most compact footprint of less than 2 m² with maximum capacity of 1000KVA/1000KW with competitive price and high performance. With its upgrade, the MURM500/25K is set to offer better protection for large data centers, as well as for sensitive electrical loads.



Key Features

- Capacities from 25kVA/25KW to 500kVA/500KW in 25kVA modular steps, N+1 Redundancy (up to 475kVA/475KW)
- **Full DSP** control of high stability, reliability and safety
- Friendly human machine interface with **colorful touch screen** of 10.4 inches
- Independent **LCD display** for each power module with self-starting function
- Integrated IGBT module with improved performance and reduced size
- Automatically record the critical wave information when fault happen, easy for trouble shooting
- Monitor runtime of critical components, such as fans and capacitors, settable alarm for service period
- Self-Aging mode for full load test with less than 10% of the total power capacity needed

Model # MURM500/25X

- **Maximum availability** - 'Six nines' (99.9999%) availability by uniquely combining the benefits of parallel redundancy and 'hot-swap' modularity to ensure 24/7 power availability.
- **High energy efficiency total flexibility & low total cost of ownership** – The combination of high energy efficiency up to 98% and scalable flexibility using 'hot-swap' modules ensures that MURM500/25K offers a low total cost of ownership.
- UPS modules can be simply added, in cost effective incremental steps as the critical load power requirement grows. This ensures the UPS is 'rightsized' at initial installation, reducing the system's initial cost, optimizing its operating efficiency and reducing ongoing operating costs.
- Smart charging management system, intelligently control the whole process of the charging and discharging effectively improve the life time of the battery
- Independent charger for batteries, intelligent battery management system
- Battery cold start, UPS can be powered on from the battery without utility
- Totally front access, top and bottom cable connection
- Quick and simple power upgrade or repair by 'Hot-Swapping' modules while the UPS is online maximizes availability and simplifies system upgrades
- High operating efficiency across a wide load range (90% to 95% efficiency from 25% partial load to 100% full load) reduces system running costs and site air conditioning costs, reducing CO2 emissions.
- High power density with footprints of less than 2m² up to 1000KW in parallel, 25KVA power module with height of only 3U
- Unity Output & Input power factor .
- Low input harmonic distortion (THDi<3%)

Applications

- Critical applications where ever higher reliability is needed
- Medical & lifesaving equipment's
- Data centers & Larger computer rooms
- Industrial & Petrochemical application
- Banking & Telecommunication
- Power Generation & distribution stations
- Telecommunications.

Model # MURM500/25X

Product Specification

MODEL		MURM500/25X
Capacity (KVA)		500kVA
Capacity (KW)		500kW
Power module		PM25X(25kVA/25kW)
INPUT		
Phase		3 Phase + Neutral + Ground,400V/415V(line to line)
Voltage range		304-478Vac (line-line),full load;
		228V-304Vac (Line-Line),load decrease linearly according to the min phase voltage
Frequency range		40Hz-70Hz
Power Factor		>0.99
THDi		THDi<3% @ 100% linear load
OUTPUT		
Voltage		380V/400V/415V
Voltage Regulation		1.50%
Power factor		1
THDu		THD<1%(linear load),THD<5.5%(None-linear load)
Crest Factor		3:01
Overload Capability		110% for 1 hour; 125% for 10 minutes ;150% for1 minute; >150% for 200ms
BATTERY		
Voltage		±240VDC
Charge Power Precision		±1%
Charge Power		20%*System Power
SYSTEM		
System Efficiency		Normal mode:95% ;ECO mode:99% ;Battery mode:95%
Display		10.4" color touch screen LCD + LED + Keyboard
IP Class		IP20
Operation Temperature		0-40°C
Storage Temperature		0-70°C
Relative Humidity		0-95%(non-condensing)
Noise		72dB @ 100% load,
		68dB @ 45% load
		(1 meter away)
PHYSICAL		
Weight	Cabinet	660kg
	Power Module	MUPM25X:32kg

Model # MURM500/25X

Dimension (W*D*H)	Cabinet	2000*1050*2000(mm)
	Power Module	MUPM25X:460*790*134(mm)
COMMUNICATIONS		
Communications Interface	RS232 Serial; Slot for SNMP/Web interface	
Network Management Cards	SNMP-UP2	
Software compatibility	Windows family all versions, Linux, Sun Network OS, IBM Aix, Compaq Tru64 SGI IRIX, FreeBSD, HP-UX and MAC	
UPS monitoring Software	Supplied along with UPS. Optional SNMP card with web based available on request	
Communications Cable	RS232 serial	
CERTIFICATIONS & WARRANTY		
UPS Certifications	CE, EN/IEC 62040-1:2008, EN/IEC 62040-2:2006, EN/IEC 61000-3-3:2013, EN/IEC 61000-3-2:2014	
UPS Quality standards	ISO9001:2015, ISO14001:2015, RoHs	
Product Warranty Period (Worldwide)	2-years limited Warranty	