

UPS module with hot-swap function

Typical applications:

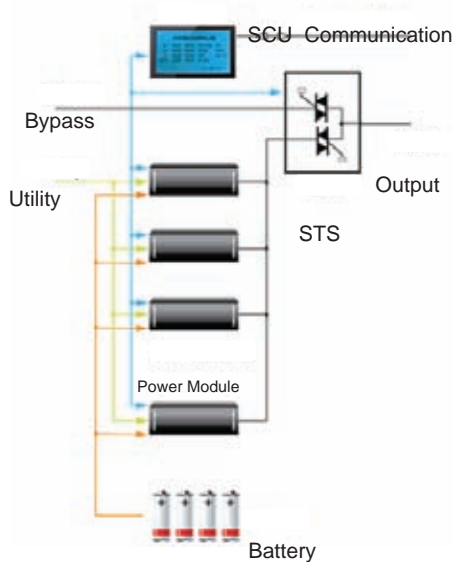
- Data centers
- Telecom systems
- Computer rooms
- Financial systems
- Precision instruments
- Intelligent equipments



MR33A Series Modular UPS 10-260kVA

MR33A Series modular UPS10-260kVA is ideal for protecting data centres and telecommunication systems, IT networks and critical systems where poor power quality can lead to a loss of operations and service. The products are with excellent 95% efficiency and high output performance. The system includes touch screen display, power module and STS module, all support hot-swap operation, delivering the best combination of reliability, functionality and flexibility.

Features and Advantages



System working diagram



7 inch touch screen

High reliability

- Online double conversion
- DSP digital control
- N+X parallel redundancy UPS
- EPO function
- Internal maintenance bypass
- PCB boards feature with anti-corrosion paint coating
- Module communication ring connection redundancy design

Green UPS

- Input power factor > 0.99
- THDi ≤ 3%
- Efficiency ≥ 95%
- Efficiency > 99% at ECO mode

High performance

- Easy maintenance
- Advanced power module dormancy technology
- DC startup function
- 3 level inverter technology
- Allow 100% three phase unbalance load

Smart management

- Intelligent battery charging system
- Intelligent battery management
- Flexible network management
- Hot-swappable feature
- Convenient and multi-functional parameter settings

Customized Design

We can provide configuration of accessories according to different applications, such as data centers, telecom systems, precision instruments, financial systems, special application condition of communication systems and other industries. We offer one-stop integrated solution to you.

Power distribution cabinet

We can design the power distribution cabinet according to your integrated solution

Input/output isolation transformer

Change the voltage according to the application environment, reduce the grid interference, and ensure the UPS has better load feature

Flexible network management

- Optional internal SNMP adapter
- Intelligent management software
- Meet the needs of all applications

Intelligent battery monitoring system MMBM-3

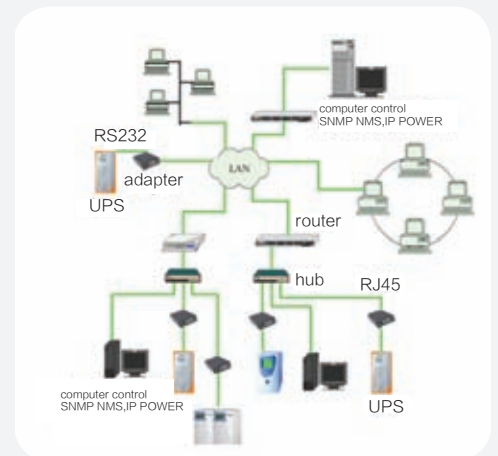
- Smart diagnosis status
- Real time abnormal alarm
- Record and save event logs
- Real time monitoring parameters



Battery cabinet and monitor system



SNMP adaptor



Flexible network management

Technical Specifications

Model		MR3360A	MR33100A	MR33130A	MR33260A
Maximum Capacity		60KVA	100KVA	130KVA	260KVA
Power module	Power Module	MR3310-J (10kVA)			
Input	Configuration	3 phase 4 wires + ground			
	Nominal voltage(Vac)	190/208/220 (L-L)			
	Voltage Range (Vac)	156~260 (L-L)			
	Frequency Range	50/60Hz ± 10%			
	PF	≥0.99			
	THDi	≤3%			
	Batteries (VDC)	± 216			
Output	PF	0.8 (0.9/1 optional)			
	Frequency Range	50/60Hz±0.1Hz at battery mode			
	Voltage Stability (Vac)	190/208/220 ± 1%(static) 190/208/220 ±2% (load 0~100%)			
	Transient Recovery Time	20ms(loads 0~100%)			
	Overload	125% loads for 10 minutes, 150% loads for 1 minute			
	Transfer Time	0ms			
	Efficiency	≥95% (AC-AC)			
Other	Communication Interface	Dry contact, RS232/RS485			
	SNMP Adapter (optional)	Yes			
	Display	Touch screen + LED			
	Working Temperature	-5°C ~ 40°C			
	Relative Humidity	≤95% No condensation			
	Protection Degree	IP20			
	Approvals	CE (EN 62040-2, IEC 62040-1)			
	Noise	≤60dB	≤65dB		
	Power Module Dimension(W × D × H) (mm)	497 × 590 × 133			
	Power module weight (kg)	25.5			
	Cabinet Size (W × D × H)(mm)	600 × 800 × 1400	600 × 800 × 2000	1200 × 800 × 2000	1800 × 800 × 2000

◆ Specifications are subject to change without prior notice.



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