



MR33A Series Modular UPS

(20-240kVA)

- » Data center
- » Telecom system
- » Computer room
- » Financial system
- » Precision instrument
- » Intelligent equipment

Advanced Technology:

- Online Double Conversion
- Fully DSP control
- N+X parallel technology
- 3 level inverter technology
- DC startup function
- Frequency converter function
- Advanced power module dormancy technology

Excellent Flexibility:

- Intelligent battery management
- Flexible network management

Green Power:

- Wide input voltage range
- PCB boards feature with anti-corrosion paint coating
- Internal maintenance bypass
- Allow 100% three phase unbalance load
- ECO mode and EPO function
- Module communication ring connection redundancy design
- Self-aging test function

Specification:

MODEL	MR3360AS/MR3360A	MR33100A	MR33160A	MR33240A
Maximum Capacity	60kVA	100kVA	160kVA	240kVA
POWER MODULE				
Power Module	MR3320A-J			
INPUT				
Phase	3 phase 4 wires + ground			
Nominal Voltage (Vac)	190/208/220 (L-L)			
Voltage Range (Vac)	156-260 (L-L)			
Frequency Range	50/60Hz \pm 10%			
PF	\geq 0.99			
THDi	\leq 3%			
Batteries (Vdc)	\pm 192 Vdc (\pm 180, \pm 240V settable)			
OUTPUT				
PF	0.9 (1.0 optional)			
Frequency Range	50/60Hz \pm 0.2% at battery mode			
Voltage Stability (Vac)	190/208/220 \pm 1%(static)/190/208/220 \pm 2% (load 0~100%)			
Transient Recovery Time (ms)	20 (loads 0~100%)			
Overload	125% loads for 10 minutes, 150% loads for 1 minute			
Transfer Time (ms)	0			
Efficiency	\geq 95% (AC-AC)			
BATTERY				
Battery Type	128 \times 9 AH/12V/External	External		
OTHER				
Communication Interface	Dry contact, RS232/RS485			
SNMP Adapter (optional)	Yes			
Display	Touch screen + LED			
Working Temperature ($^{\circ}$ C)	-5 ~ 40			
Relative Humidity	\leq 95% No condensation			
Protection Degree	IP20			
Approvals	CE (EN 62040-2, IEC 62040-1)			
Noise (dB)	\leq 60	\leq 65		
Power Module Dimension (W \times D \times H) (mm)	500 \times 700 \times 130			
Power module weight (kg)	32			
Cabinet Size (W \times D \times H)(mm)	600 \times 1050 \times 2000 /600 \times 900 \times 1400	600 \times 860 \times 2000		1200 \times 860 \times 2000

◆ Specification is subject to change without prior notice.