

MR33 Series Modular UPS



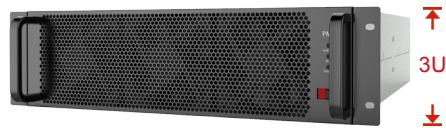
- Data center
- Telecom system
- Computer room
- Financial system
- Precision instrument
- Intelligent equipment

Advanced Technology:

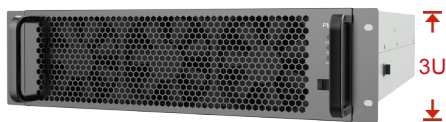
- Online double conversion
- Battery cold start function
- Advanced power module sleep mode
- Dual system control card
- Self-load test function
- Frequency converter function
- Redundant design
- 30k 2U design



30K Module



50K Module



100K Module

Green Power:

- Efficiency up to 96%
- Intelligent fan speed control
- ECO mode and EPO function

Excellent Flexibility:

- Allow 100% three phase unbalance load
- Intelligent battery management
- Parallel expansion up to 8 units
- Fault Trace Management (FTM)
- Programmable dry contacts

Technical Specification

MODEL	MR33120	MR33200	MR33300	MR33400	MR33500	MR33600
Power Module	MR3330-J	MR3350-J				
Capacity (kW)	30	50				
INPUT						
Rated Voltage (Vac)	380/400/415					
Voltage Range (Vac)	L:L 138~485					
Input Frequency (Hz)	40~70					
Bypass Voltage Range (Vac)	-15% (-20%/-30% optional) ~+15%(+10% /+20% optional)					
Power Factor	≥0.99					
THDi	<5% (nonlinear, full load)					
Phase	3Φ4W+PE					
Battery Voltage (Vdc)	±192 (±168~±276 settable)	±192 (±180~±276 settable)	±240 (±168~±276 settable)			
Charging Current (A)	N×10 Maximum (N: the number of power modules)					
OUTPUT						
Capacity (kVA)	120	200	300	400	500	600
Power Factor	1					
Phase	3Φ4W+PE					
Waveform	sine wave					
Voltage (Vac)	L-L:380, 400, 415±1%					
Frequency (Hz)	50/60± 0.2% (battery mode)					
Three Phase Difference	≤1 degrees					
THDv	≤1% (linear load, full load), ≤4% (nonlinear load, full load)					
Static Bypass Transfer Time	0					
Max. System Efficiency	97%					
Parallel Mode	Advanced no-master-slave parallel technology, N+1 redundancy					
Overload Capacity	106-110% load for 60mins, 111%-130% load for 10mins, 131%-150% load for 1 min, 151%-200% load for 200ms					
GENERAL						
Working Temperature (°C)	-5~40					
Storage Temperature (°C)	-40~70					
Relative Humidity	0%~95%, no condensing					
Battery Type	Lead-acid batteries and lithium iron phosphate batteries					
Communication Interface	RS485, RS232, dry contact (SNMP optional)					
Noise (dB)	< 65	< 70				
Dimension (W×D×H) (mm)	600×860×2000			1200×860×2000		
Weight (kg)	Cabinet	180	224	236	427	
	Bypass Module	17	19	25	25	31
	Power Module	27	33			

● Specification is subject to change without prior notice.