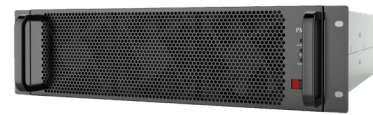


MR33 Series Modular UPS

(50kW Module)



↑
3U
↓

50K Module
Dimension (W×D×H): 440×640×130mm



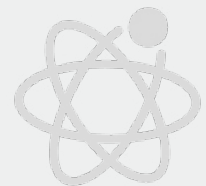
Green Power

- General efficiency up to 97%, reduces heat dissipation and limits power consumption costs
- Wise ECO mode, compensate current and provide quality power supply



Excellent Flexibility

- Intelligent fan speed control, keep inside component clean
- Parallel expansion up to 8 units
- Intelligent battery management, monitor battery status
- Programmable dry contacts, support different requirement
- Module redundant design, easy power expansion



Intelligent Design

- Intelligent sleep mode, improve UPS efficiency
- Self-load test function, save load rent money and reduce power loss
- Fault Trace Management, help quickly locate the fault

Technical Specification

MODEL		MR33200		MR33300		MR33400		MR33500	
Power Module (kVA)		50							
Capacity (kVA)		200		300		400		500	
INPUT									
Voltage (Vac)		L-L: 138~485 (120K: 305~485/200~500K: 324~485 at full load)							
Frequency (Hz)		40-70							
Power Factor		≥0.99							
THDi		≤1.5% (resistive full load), ≤5% (non-linear full load)							
Phase		3W+N+PE							
BYPASS									
Voltage (Vac)		-30% /-20%/-15%/-10% (default -20%) ~ +10%/+15%/+20%/+25% (default +15%)							
Frequency (Hz)		±8%/±10%/±20% (default ±10%)							
Overload		130%: long term; 150%: 5min; 200%: 1s; 300%: 100ms							
OUTPUT									
Voltage (Vac)		L-L: 380/400/415±1%							
Frequency (Hz)		50/60±0.1 (battery mode)							
Power Factor		1.0							
THDv		≤1% (resistive full load), ≤4% (non-linear full load)							
AC/AC Efficiency (Max.)		97%							
Overload Capacity		105%: long term; 110%: 60min; 125%: 10min; 150%: 1min; above 150% 200ms							
Transfer Time (ms)		0 (Mains mode-Battery mode), ≤1 (Mains mode-Bypass mode)							
Crest Factor		3:1							
BATTERY									
Battery Type		Lead-acid/S³ lithium-ion batteries							
Voltage (Vdc)		±240 (±180~±300 settable, ±240~±300 at full load)							
Charging Current (A)		N×30 Maximum (N: the number of power modules)							
GENERAL									
Communication		RS485, Modbus+RS232, EPO, Dry contact Optional: SNMP card, Dry contact expansion card, BMS expansion card							
Display		7" touch screen+LED display							
Noise (dB)		< 70							
Working Temperature (°C)		0~40							
Altitude (m)		2000							
Relative Humidity		0%~95%, no condensation							
Protection Grade		IP20							
Agency/Certification/Conformance		EN IEC 62040-1, EN IEC 62040-2, EN IEC 62040-3							
Dimension (W×D×H)(mm)		600×860×2000				1200×860×2000			
Weight (kg)	Cabinet	224		236		459		506	
	Bypass Module	23		32		32		50	
	Power Module	39							

● Specification is subject to change without prior notice.