

MACAN Rack & Tower

MACAN Rack & Tower Series with high performance Power Factor 1.0 are the safe guarding for your critical application.



MRT-1000VA/1500VA/2000VA/3000VA/6000VA/10KVA

Application



Main Feature

• Output Power Factor 1

MRT series new generation UPS with advanced technology application, Power Factor 1.0 output, perfectly protect your missional power system and ensure the best output performance.

• Hot Swappable & Battery Easy Replacement

Specific battery compartment design for easy battery replacement & ensure continuity power protection during equipment battery replacement.

• Multi-Section Fan Regulation

Multi fan speed segment for particular device loading range, MRT remains suitable temperature for high efficiency performance and reduces the operating noise immensely.

• 50 / 60 Hz Frequency Converter Mode

No matter how low/high the input voltage is, lock output frequency at 50 Hz or 60 Hz.

• Auto-Rotating LCD Display

Industry-leading auto-rotating LCD display suits installation formation in vertical tower or rack mount. User instantly acquire all information from big size and clear display.

• UPSMON PRO and APP support

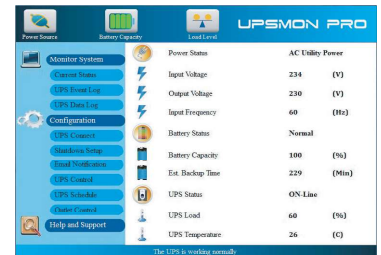
UPSMON PRO and UPSMON APP control UPS and provide UPS status instantly.



Download Link

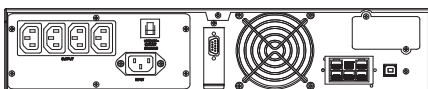


UPSMON for portable Device

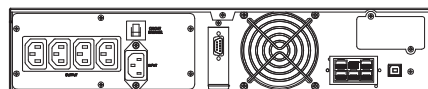


UPSMON PRO Interface

IEC Outlet



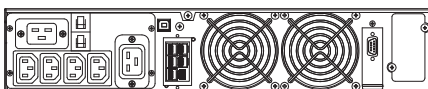
MRT-1000



MRT-1500



MRT-2000



MRT-3000



MRT-6000



MRT-10KVA

On-Line True Double Conversion UPS

Specification

Model		MRT-1000	MRT-1500	MRT-2000	MRT-3000	MRT-6000	MRT-10K	
Configuration								
Capacity (VA)		1000 VA	1500 VA	2000 VA	3000 VA	6000 VA	10 KVA	
Capacity (Watts)		1000 W	1500 W	2000 W	3000 W	6000 W	10 KW	
Form		Rack and Tower Type						
Phase		Single Phase						
Energy Saving		Yes - ECO Mode Efficiency >94%						
Input								
Voltage		100 / 110 / 120 / 127 or 208 / 220 / 230 / 240 VAC				208 / 220 / 230 / 240 VAC		
Input Voltage Range		60 - 144 VAC, < 25% Load 70 - 144 VAC, < 50% Load 80 - 144 VAC, < 75% Load 90 - 144 VAC, < 100% Load	120 - 276 VAC, < 25% Load 140 - 276 VAC, < 50% Load 160 - 276 VAC, < 75% Load 180 - 276 VAC, < 100% Load			120 - 276 VAC, < 25% Load 140 - 276 VAC, < 50% Load 160 - 276 VAC, < 75% Load 180 - 276 VAC, < 100% Load		
Input Frequency Range		50 / 60 Hz (Auto Sensing)						
Input Power Factor		>0.97						
Cold Start		Yes						
Output								
Rated Power Factor		1.0						
Waveform		Pure Sine Wave						
Voltage		100*/110*/120/127 VAC ± 2% or 208*/220/230/240 VAC ± 2%				208* / 220 / 230 / 240 VAC ± 2%		
Frequency		50 / 60 Hz ±0.25 Hz						
Transfer Time		0 ms						
Harmonic Distortion		≤ 2.5% THD at Linear Load				≤ 3% THD at Linear Load		
Crest Factor		3 : 1						
EPO Function		Option						
Protection								
Overload	Line Mode	105% - 120% for 30 seconds 121% - 150% for 10 seconds						
	Battery Mode	101% - 109% for 10 seconds 110% - 120% for 3 seconds						
Surge Protection		IEC 61000-4-5 Level 3						
Bypass		Internal Bypass (Automatic and Manual)						
Short Circuit Protection		UPS Output Cut Off Immediately						
Battery								
Type		12V 7Ah	12V 9Ah	12V 7Ah	12V 9Ah	12V 5Ah 12V 7Ah : Option(3U)	12V 9Ah	
Internal Batt.		Yes	Yes	Yes	Yes	External Batt.	External Batt.	
Quantity		3	3	6	6	20	20	
Sealed, Maintenance Free		Yes						
Typical Recharge Time		4 hr to 90%						
External Battery Module		Option						
External Battery Connector		Option						
Management & Communication								
LCD Control Panel		Yes						
Communication Port		RS 232, USB B type						
SNMP Slot		Option				Standard		
Audible Alarms		Yes						
Physical								
Power Module	Dimensions(WxDxH)(mm)	428 x 425 x 84			428 x 635 x 84			
	Weight (kgs)	14.7	16.2	26.2	29	15.8	20	
	Shipping Dimensions(mm)	546 x 552 x 206			550 x 750 x 220			
	Shipping Weight (kgs)	17.5	19	30	33.4	19.6	24	
Batt. Module	Dimensions(WxDxH)(mm)	428 x 425 x 84			428 x 635 x 84		428 x 635 x 84(2U) 428 x 597 x 130(3U)	428 x 657 x 130 (3U)
	Weight (kgs)	20.7			37.3		42(2U) / 66(3U)	68
	Shipping Dimensions(mm)	546 x 552 x 206			500 x 750 x 220		500 x 750 x 220 560 x 740 x 375	590 x 830 x 370
	Weight (kgs)	23.4			40.8		45.6(2U) / 75.5(3U)	83

* While 208V output, capacity will be derated to 90%.

* While 100V input, capacity will be derated to 80% for 1.5K/2K/3K LV model.

* While 110V input, capacity will be derated to 90% for 1.5K/2K/3K LV model.

** Specifications are subject to change without further notice.

** Specifications are for reference, please refer to information based on real product.

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