

MACAN Rack & Tower



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

Application



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

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-Rotated LCD Display

Industry-leading auto-rotated 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

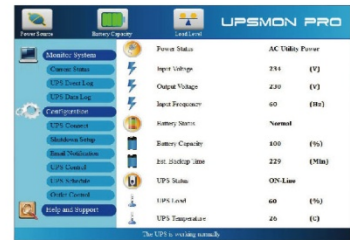
UPSMON and UPSMON APP control UPS and provide UPS status instantly.



Download Link

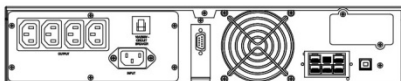


UPSMON for portable Device

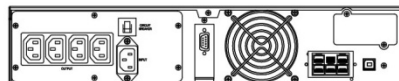


UPSMON Interface

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	
Capacity (VA / Watts)	1000VA / 1000W	1500VA / 1500W	2000VA / 2000W	3000VA / 3000W	6000VA / 6000W	10KVA / 10KW	
Phase	Single Phase						
Energy Saving	Yes - ECO Mode Efficiency >94%						
Input							
Voltage	208 / 220 / 230 / 240 Vac						
Input Voltage Range	120 - 300 VAC, 0 - 25% Load 140 - 300 VAC, 26 - 50% Load 160 - 300 VAC, 51 - 75% Load 180 - 300 VAC, 76 - 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	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							
Battery Type x Quantity	12V 7Ah x 3	12V 9Ah x 3	12V 7Ah x 6	12V 9Ah x 6	12V 5Ah x 20	12V 9Ah x 20	
Internal Batt.	Yes	Yes	Yes	Yes	External Batt.	External Batt.	
Sealed, Maintenance Free	Yes						
Typical Recharge Time	4 hr to 90%						
Environment							
Operating Humidity	0-90 % RH at 0-40°C (Non-condensing)						
Audible Noise	Less than 40 dB				Less than 55 dB		
Altitude	< 2000m						
Management & Communication							
LCD Control Panel	Yes						
Communication Port	RS 232, USB B type						
SNMP Slot	Option						
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	15.7	20
	Shipping Dimensions (mm)	546 x 552 x 206		550 x 750 x 220			
	Shipping Weight (kgs)	17.5	19	30	33.4	18	24
Batt. Module	Dimensions (WxDxH) (mm)	428 x 425 x 84		428 x 635 x 84		428 x 635 x 84 (2U) 428 x 657 x 130 (3U)	
	Weight (kgs)	20.7		37.3		42	68
	Shipping Dimensions (mm)	546 x 552 x 206		500 x 750 x 220		500 x 750 x 220	830 x 590 x 370
	Shipping Weight (kgs)	23.4		40.8		45.6	83

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

* Wide Input Voltage Range (120-300 VAC) compatible with generator, keeps UPS stable

** Specifications are subject to change without further notice.

** Specifications are for reference, actual information should be based on real product.