

On-Line UPS Macan Rack & Tower



FEATURES

The Powercom MRT Series UPS, the latest generation of power protection with advanced technology and Power Factor 1.0 output. This UPS is designed to provide mission-critical power system protection while ensuring optimal output performance. With features like hot swappable batteries, multi-section fan regulation, auto-rotating LCD, and frequency converter mode, it's the ultimate choice for seamless power protection.

Main Features

- **Output Power Factor 1.0:** The MRT series UPS offers Power Factor 1.0 output, delivering maximum protection for your mission-critical power system and ensuring peak output performance.
- **Hot Swappable & Battery Easy Replacement:** Benefit from a specific battery compartment design that facilitates easy battery replacement, ensuring uninterrupted power protection during battery changes.
- **Multi-Section Fan Regulation:** MRT's multi-fan speed segments are tailored for specific device loading ranges, maintaining an ideal temperature for high-efficiency performance while significantly reducing operating noise.
- **50 I 60 Hz Frequency Converter Mode:** Regardless of input voltage fluctuations, the UPS locks the output frequency at 50 Hz or 60 Hz, ensuring power stability.
- **Auto-Rotating LCD Display:** The industry-leading auto-rotating LCD display adapts to vertical tower or rack-mounted installations, providing users with instant access to all information through a large and clear display.
- **UPSMON PRO and APP Support:** Monitor your UPS status and take control with UPSMON PRO and UPSMON APP, offering real-time UPS information and control.
- **Elevate your power protection with the MRT Series UPS.** Experience Power Factor 1.0 output, hot swappable batteries, multi-fan regulation, and an auto-rotating LCD display. Ensure the safety and continuity of your critical equipment with frequency converter mode and stay in control with real-time UPS monitoring through UPSMON PRO and UPSMON APP.

MODEL	DIMENSIONS	WEIGHT	SHIP DIMENSIONS	SHIP WEIGHT
MRT-1000	428 x 425 x 84mm	14.7kg	546 x 552 x 206mm	17.5kg
MRT-1500	428 x 425 x 84mm	16.2kg	546 x 552 x 206mm	19kg
MRT-2000	428 x 635 x 84mm	26.2kg	550 x 750 x 220mm	30kg
MRT-3000	428 x 635 x 84mm	29kg	550 x 750 x 220mm	33.4kg
MRT-6000	428 x 635 x 84mm	15.8kg	550 x 750 x 220mm	19.6kg
MRT-10000	428 x 635 x 84mm	20kg	550 x 750 x 220mm	24kg

To view Access' extensive ranges go to: www.accesscomms.com.au

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IEC OUTLET



MRT-1000



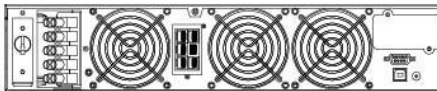
MRT-1500



MRT-2000



MRT-3000



MRT-6000



MRT-10KVA

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SPECIFICATIONS

	MRT-1000	MRT-1500	MRT-2000	MRT-3000	MRT-6000	MRT-10K
Configuration						
Capacity (VA)	1000VA	1500VA	2000VA	3000VA	6000VA	10KVA
Capacity (Watts)	1000W	1500W	2000W	3000W	6000W	10KW
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	0ms					
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					
Overload - 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					

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SPECIFICATIONS

Battery						
Type	12V 7Ah	12V 9Ah	12V 7Ah	12V 9Ah	12V 5Ah 12V 7Ah Opt (3U)	12V 9Ah
Internal Battery	Yes	Yes	Yes	Yes	External batt	External Batt
Quantity	3	3	6	6	20	20
Sealed Maintenance Free	Yes					
Typical Recharge Time	4 hour to 90%					
External battery cabinet	Option					
	12V 7Ah*6 24Vdc	12V 7Ah*8 48Vdc	12V 7Ah*12 72Vdc		12V 7Ah*20 240Vdc	12V 9Ah*20 240Vdc
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	428 x 425 x 84mm		428 x 635 x 84mm			
Weight	14.7kg	16.2kg	26.2kg	29kg	15.8kg	20kg
Shipping dimensions	546 x 552 x 206mm		550 x 750 x 220mm			
Shipping weight	17.5kg	19kg	30kg	33.4kg	19.6kg	24kg
Physical						
Battery Module						
Dimensions	428 x 425 x 84mm		428 x 635 x 84mm		428x635x84(2U) 428x597x130(3U)	428x657x-130mm (3U)
Weight	20.7kg		37.3kg		42kg (2U) 66kg (3U)	68kg
Shipping dimensions	546 x 552 x 206mm		550 x 750 x 220mm			
Weight	23.4kg		40.8kg		45.6kg (2U) 75.5kg (3U)	83kg

* 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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