

# MACAN Comfort Series

High quality and quiet MAC protect data center and network system.

- On-Line UPS Design
- Pure Sinewave Output
- Six Section Fan Regulation for Different Loading
- Simple and Clear LCD Indicator
- Double Conversion Topology
- Output Power Factor 1.0 Series
- Overload, Surge, Short Circuit Protection
- Free-Run Mode



## Specifications

Model		MAC-1000	MAC-1500	MAC-2000	MAC-3000	MAC-6000	MAC-10K
<b>Configuration</b>							
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		Tower Type					
Phase		Single Phase					
Energy Saving		Yes - ECO Mode Efficiency >94%					
<b>Input</b>							
Voltage		208 / 220 / 230 / 240 Vac					
Input Voltage Range		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					
<b>Output</b>							
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					
Crest Factor		3 : 1					
EPO Function		Option					
<b>Protection</b>							
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					
<b>Battery</b>							
Type		12V 9Ah	12V 7Ah	12V 7Ah	12V 9Ah	12V 7Ah	12V 9Ah
Quantity		2	4	6	6	20	20
Sealed, Maintenance Free		Yes					
Typical Recharge Time		4 hr to 90%					
External Battery Module		Option					
External Battery Connector		Option					
<b>Management &amp; Communication</b>							
Indicator		LCD Control Panel					
Communication Port		RS 232, USB B type					
SNMP Slot		Option					
Audible Alarms		Yes					
<b>Physical</b>							
Dimensions (WxDxH) (mm)		144 x 357 x 228		191 x 406 x 327		257 x 590 x 570	257 x 590 x 570
Weight (kgs)		10.4	16.4	20.3	22.9	86	95
Shipping Dimensions (mm)		249 x 448 x 359		292 x 500 x 455		257 x 590 x 700	257 x 590 x 700
Shipping Weight (kgs)		11.5	18.4	22.3	24.9	106	115

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

\*\* Specifications are subject to change without further notice.

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

### OUTPUT RECEPTACLE OPTION

