

MACAN Comfort

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

Application



Main Feature

• Output Power Factor 1

MAC series is a new generation UPS combine with advanced technology and **Power Factor 1.0** output, which perfectly protect your system, and ensure the best output performance.

• Pure Sine Wave Output Less Than 2.5% THD

With the latest POWERCOM technology, MAC is able to provide Pure Sine Wave output with less than 2.5% THD for better user experience.

• Brand New Diagram LCD Display

MAC series equipped with industry-leading LCD display. Users acquire UPS information instantly from the big size and clear display.

• Multi-Section Fan Regulation

With Multi fan speed segment for different loading, MAC remains the best temperature for its high efficiency and reduces the operating noise.

• True Double Conversion

True double conversion UPS provides clean, high quality and stable power to fully protect your important devices.

• 50 / 60 Hz Frequency Converter Mode

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

• UPSMON PRO and APP Support

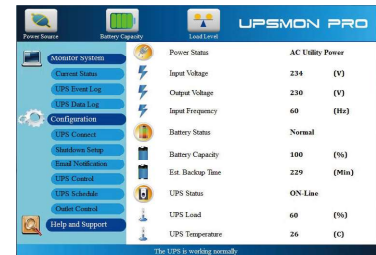
UPSMON PRO and UPSMON APP control UPS and provide UPS status instantly.



Download Link

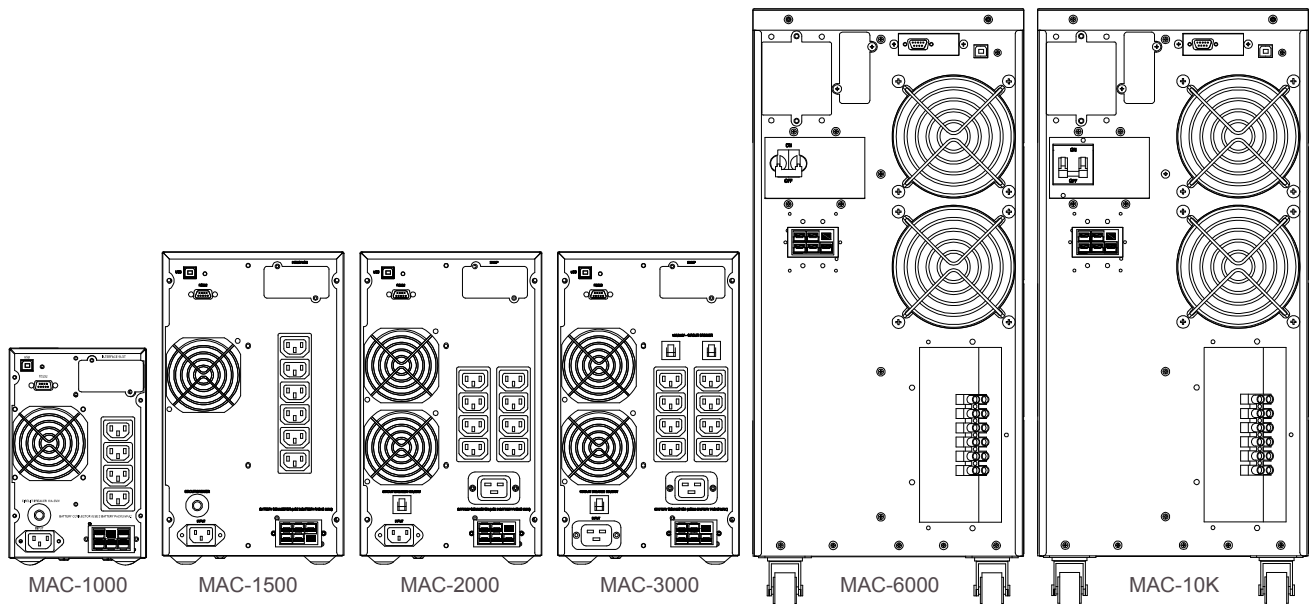


UPSMON for portable Device



UPSMON PRO Interface

IEC Standard Outlet



Specification

| Model | MAC-1000 | MAC-1500 | MAC-2000 | MAC-3000 | MAC-6000 | MAC-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 | 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 | 120 - 276 VAC, < 25% Load | | 120 - 276 VAC, < 25% Load | | |
| | 70 - 144 VAC, < 50% Load | 140 - 276 VAC, < 50% Load | | 140 - 276 VAC, < 50% Load | | |
| | 80 - 144 VAC, < 75% Load | 160 - 276 VAC, < 75% Load | | 160 - 276 VAC, < 75% Load | | |
| | 90 - 144 VAC, < 100% Load | 180 - 276 VAC, < 100% 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 | | | | | |
| 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 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 Cabinet | Option | | | | | |
| | 12V 7Ah*6,24Vdc | 12V 7Ah*8,48Vdc | 12V 7Ah*12,72Vdc | | 12V 7Ah*20,240Vdc | 12V 9Ah*20,240Vdc |
| External Battery Connector | Option | | | | | |
| Management & Communication | | | | | | |
| Indicator | LCD Control Panel | | | | | |
| Communication Port | RS 232, USB B type | | | | | |
| SNMP Slot | Option | | | | | |
| Audible Alarms | Yes | | | | | |
| Physical | | | | | | |
| Dimensions (WxDxH) (mm) | 144 x 357 x 228 | 191 x 406 x 327 | | | 257 x 590 x 570 | |
| Weight (kgs) | 10.4 | 16.4 | 20.3 | 22.9 | 78 | 88.4 |
| Shipping Dimensions (mm) | 249 x 448 x 359 | 292 x 500 x 455 | | | 380 x 710 x 735 | |
| Shipping Weight (kgs) | 11.5 | 18.4 | 22.3 | 24.9 | 87 | 97.4 |

* 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.