



POWER LOGIC

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KOSS  
UPS

## Maxtron W-Series (1KVA - 3KVA) True Online UPS

- User Friendly LCD Display
- True Online Double Conversion Design
- Microprocessor Control Optimizes Reliability
- 0.8 Output Power Factor
- Wide Input Range ( 110V - 300V )
- ECO Mode for Energy Saving
- Generator Compatible
- Emergency Power Off Function ( EPO )
- Comes with USB port, RS232 port, SNMP Slot  
& Power Management Software



Malaysia



UK



USA



Korea

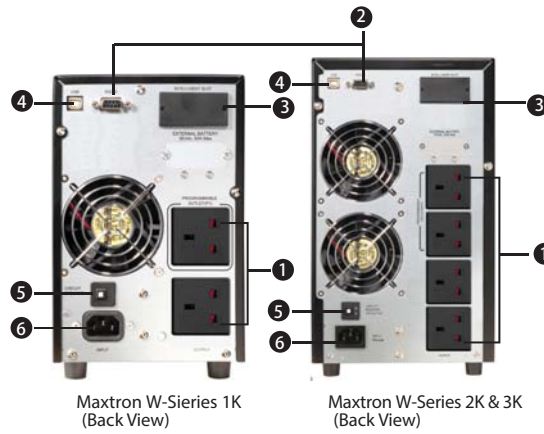


3 Years for UPS 2 years for Battery

# Maxtron W-Series

## (1KVA - 3KVA)

### True Online UPS



1. Output Socket
2. RS 232 Port
3. SNMP Slot
4. USB Port
5. Circuit Breaker
6. Input Socket

**KOSS** UPS

| MODEL                                | MX-1000W   | MX-1000WS                                       | MX-2000W          | MX-2000WS                                       | MX-3000W          | MX-3000WS                                       |  |
|--------------------------------------|--|---|-------------------|---|-------------------|---|--|
| <b>PHASE</b>                         | Single phase with ground   |   |                   |   |                   |   |  |
| <b>CAPACITY</b>                      | 1000 VA / 800 W  | 1000 VA / 800 W                                 | 2000 VA / 1600 W  | 2000 VA / 1600 W                                | 3000 VA / 2400 W  | 3000 VA / 2400 W                                |  |
| <b>INPUT</b>                         |  |   |                   |   |                   |   |  |
| Nominal Voltage                      | 200/208/220/230/240VAC   |   |                   |   |                   |   |  |
| Voltage Range                        | 110-300 VAC $\pm$ 5 %  |   |                   |   |                   |   |  |
| Frequency Range                      | 40Hz ~ 70 Hz   |   |                   |   |                   |   |  |
| Power Factor                         | $\geq$ 0.99 @ Nominal Voltage (100% Load)  |   |                   |   |                   |   |  |
| <b>OUTPUT</b>                        |  |   |                   |   |                   |   |  |
| Output Voltage                       | 200/208/220/230/240VAC   |   |                   |   |                   |   |  |
| Voltage Regulation                   | $\pm$ 1 %  |   |                   |   |                   |   |  |
| Frequency Range (Synchronized Range) | 47~ 53 Hz or 57 ~ 63 Hz  |   |                   |   |                   |   |  |
| Frequency Range (Batt. Mode)         | 50 Hz $\pm$ 0.25 Hz or 60Hz $\pm$ 0.3 Hz   |   |                   |   |                   |   |  |
| Overload                             | 100%~110%:audible warning 110%~130%: UPS shut down in 30 seconds at battery mode or transfer to bypass when the utility is normal ; >130%:UPS shuts down immediately at battery mode or transfer to bypass mode when the utility is normal |   |                   |   |                   |   |  |
| Current Crest Ratio                  | 3:1  |   |                   |   |                   |   |  |
| Harmonic Distortion                  | $\leq$ 3 % THD (Linear Load) ;<br>$\leq$ 6 % THD (Non-linear Load)   |   |                   |   |                   |   |  |
| Transfer Time                        | AC to DC<br>Inverter to Bypass   | Zero  |                   |   |                   | 4 ms (Typical)                                  |  |
| Waveform (Batt. Mode)                | Pure Sinewave  |   |                   |   |                   |   |  |
| <b>EFFICIENCY</b>                    |  |   |                   |   |                   |   |  |
| To AC Mode                           | 87%  | 90%   | 90%               | 87%   | 90%               |   |  |
| To Battery Mode                      | 83%  | 87%   | 89%               | 83%   | 87%               | 89%   |  |
| <b>BATTERY</b>                       |  |   |                   |   |                   |   |  |
| Battery Type                         | 12 V / 7 Ah  | Depending on the capacity of external batteries | 12 V / 7 Ah       | Depending on the capacity of external batteries | 12 V / 9 Ah       | Depending on the capacity of external batteries |  |
| Numbers                              | 3  |   | 6                 |   | 6                 |   |  |
| Typical Recharge Time                | 4 hours recover to 90% capacity  |   |                   |   |                   |   |  |
| Charging Current (max.)              | 1.0 A  | 2.0A/4.0A/6.0A                                  | 1.0 A             | 2.0A/4.0A/6.0A                                  | 1.0 A             | 2.0A/4.0A/6.0A                                  |  |
| Charging Voltage                     | 41.0 VDC $\pm$ 1%  | 41.0 VDC $\pm$ 1%                               | 82.1 VDC $\pm$ 1% | 82.1 VDC $\pm$ 1%                               | 82.1 VDC $\pm$ 1% | 82.1 VDC $\pm$ 1%                               |  |
| <b>INDICATORS</b>                    |  |   |                   |   |                   |   |  |
| LCD or LED                           | Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators  |   |                   |   |                   |   |  |
| <b>ALARM</b>                         |  |   |                   |   |                   |   |  |
| Battery Mode                         | Sounding every 4 seconds   |   |                   |   |                   |   |  |
| Low Battery                          | Sounding every second  |   |                   |   |                   |   |  |
| Overload                             | Sounding twice every second  |   |                   |   |                   |   |  |
| Fault                                | Continuously sounding  |   |                   |   |                   |   |  |
| <b>PHYSICAL</b>                      |  |   |                   |   |                   |   |  |
| Dimension, D x W x H (mm)            | 397 x 145 x 220  |   | 419 x 190 x 318   |   | 419 x 190 x 318   |   |  |
| Net Weight (kgs)                     | 13   | 7   | 31                | 13  | 33                | 13  |  |
| <b>ENVIRONMENT</b>                   |  |   |                   |   |                   |   |  |
| Humidity                             | 20-90 % RH @ 0- 40°C (Non-condensing)  |   |                   |   |                   |   |  |
| Noise Level                          | Less than 50dBA @ 1 Meter  |   |                   |   |                   |   |  |
| <b>MANAGEMENT</b>                    |  |   |                   |   |                   |   |  |
| Smart RS-232 / USB                   | Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC  |   |                   |   |                   |   |  |
| Optional SNMP                        | Power management from SNMP manager and web browser   |   |                   |   |                   |   |  |
| <b>WARRANTY</b>                      |  |   |                   |   |                   |   |  |
| UPS Warranty                         | 3 Years Full Warranty Include Parts & Labour<br>2 Years Warranty for Battery   |   |                   |   |                   |   |  |

Product specifications are subject to change without further notice.

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Long Backup

AVR

Line Surge Protector

Tel / Modem Port

Software

Full Warranty

Affordable

User Friendly