

MAXTRON EPS SERIES

1000VA - 3000VA

TRUE ONLINE UPS
- Single Phase

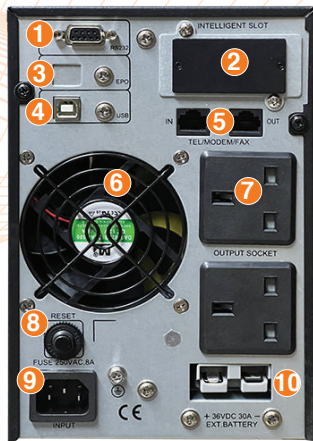
- High frequency on-line double conversion technology
- DSP (Digital signal processors) control technology
- Active power factor correction (APFC), input power factor up to 0.99
- Output power factor 0.9
- Wide input voltage range (110V ~ 300Vac) and frequency range (40 ~ 70Hz)
- Auto sensing frequency
- 50 / 60Hz frequency conversion
- Cold start
- Rear ventilation design and variable speed fan
- Effective software and hardware protection
- Quick and stable charging
- Linear derating in low voltage input reducing battery discharging times
- Settable delayed start when power is restored
- Advanced battery management (ABM)
- Multiple functions settable via LCD: output voltage, EOD, auto-start, bypass mode, ECO mode and frequency conversion mode
- Multi-platform communications: RS232 (standard), USB / RS485 / SNMP / dry contacts (optional)
- Optional USB, RS485 card, AS400 dry contacts, SNMP card, SMS alarms, EPO function, 12A charger (2-3KVA only) and built-in isolation transformer



Maxtron MX-1000EPS - MX-3000EPS

Maxtron EPS Series Rear Panel

- | | |
|-----------------------------|---------------------------|
| 1. RS232 | 6. Fan |
| 2. Intelligent SlotAC Input | 7. Output Socket |
| 3. EPO (optional) | 8. Overcurrent Protection |
| 4. USB (optional) | 9. AC Input |
| 5. Modem / Tel / Fax | 10. DC Input |



MX-1000EPS



MX-3000EPS



MAXTRON EPS SERIES

Technical Specification

Model	MX-1000EPS	MX-2000EPS	MX-3000EPS
Capacity	1000 VA / 900 Watts	2000 VA / 1800 Watts	3000 VA / 2700 Watts
INPUT			
Rated voltage	208 V / 220 V / 230 V / 240 VAC + 25%		
Voltage range	176 ~ 280 VAC (no derating); 280 ~ 300 VAC (derating 50%)		
Frequency	40 ~ 70 Hz (auto-sense)		
Power factor	≥ 0.99		
Bypass voltage range	-25% ~ +15%		
OUTPUT			
Voltage	208 V / 220 V / 230 V / 240 VAC		
Voltage regulation	+1%		
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (synchronized range); 50 / 60 Hz ± 0.1 Hz (battery mode)		
Waveform	Sinusoidal		
Crest factor	3:01		
Harmonic distortion	≤ 2% (linear load); ≤ 5% (non-linear load)		
Transfer time	Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 0.2 ms (typical)		
Overload capability	105% ~ 125%: transfer to bypass in 1 min; 125% ~ 150%: transfer to bypass in 30 s; > 150%: transfer to bypass in 300 ms		
EFFICIENCY			
Mains mode	≥ 90%	≥ 91%	≥ 92%
Battery mode	≥ 85%	≥ 86%	≥ 87%
ECO mode	≥ 95%	≥ 96%	≥ 97%
BATTERIES			
DC voltage	36 V	72 V	96 V
Charging current (max.)	6A		
Recharge time	8 hours		
ALARMS			
Utility failure	4 s per beep		
Low battery	1 s per beep		
Overload	1 s twice beep		
UPS fault	Long beep		
COMMUNICATIONS			
RS232 (standard) / USB (optional)	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10		
SNMP (optional)	Power management from SNMP manager and web browser		
OTHERS			
Operating temperature	0 ~ 40°C		
Relative Humidity	0 ~ 90% (non-condensing)		
Noise level	≤ 50 dB (1m)		
Dimensions (WxDxH) mm	144 x 336 x 214	191 x 418 x 335	
Net weight (kg)	6	10.5	11
Gross weight (kg)	7	12	12.5

- Specification contained in this document, and to prices are reserved; so are errors and omissions.
- Only order confirmations and technical documentation by KOSS UPS is binding.
- Ver1.July 2023

© POWER LOGIC (M) SDN BHD. All right reserved.



TRUE ONLINE UPS
- Single Phase



POWER LOGIC

No. 2-10, Jalan Kenari 12B, Bandar Puchong Jaya, 47100 Puchong, Selangor Darul Ehsan. Tel: (603) 8070 5899 E-mail: enquiry@kossups.com.my