



POWER LOGIC®

KOSS UPS

TRUE ON LINE UPS

www.KossUPS.com.my

MAXTRON

BP SERIES

1000VA - 3000VA



Features

- High Frequency On-line Double Conversion Technology
- DSP (Digital Signal Processors) Control Technology
- Active Power Factor Correction (APFC), Input Power Factor up to 0.9
- Output Power Factor 0.9
- Wide Input Voltage Range (110VAC ~ 300VAC) and Frequency Range (40 ~ 70Hz)
- Auto Sensing Frequency
- 50/60Hz Frequency Conversion
- Cold Start
- HID USB Communication
- Rear Ventilation Design and Variable Speed Fan
- Effective Software and Hardware Protection
- Quick and Stable Charging, 90% Capacity Restored in 3 h (Standard Model UPS)
- 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



Malaysia



UK



USA



Korea



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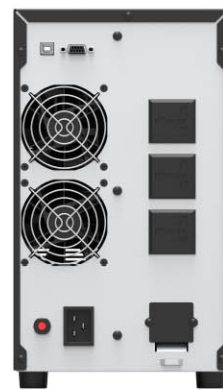
1000VA - 3000VA



MX-1000BP/MX-1000BPS



MX-2000BP/MX-2000BPS



MX-3000BP/MX-3000BPS

Model	MX-1000BP	MX-1000BPS	MX-2000BP	MX-2000BPS	MX-3000BP	MX-3000BPS
Capacity	1000VA / 900 Watts		2000VA / 1800 Watts		3000VA / 2700 Watts	
INPUT						
Rated Voltage	220 - 240 VAC ± 25%					
Voltage Range	110 - 300 VAc					
Frequency Range	40 - 70 Hz (Auto-sense)					
Power Factor	0.9					
OUTPUT						
Voltage	208 V / 220 V / 230 V / 240 VAC ± 1%					
Frequency	50 / 60 Hz ± 0.5%					
Waveform	Pure Sine Wave					
Crest Factor	3:1					
Harmonic Distortion	≤ 4% (Linear Load); ≤ 6% (Non-linear Load)					
Transfer Time	Mains Mode to Battery Mode: 0 ms					
	Inverter Mode to Bypass Mode: 4 ms (Typical)					
Overload Capability	105%-110%, Warning only (No Shutdown) 110%-120%, Transfer to Bypass After 60s >120%, Transfer to Bypass Immediately					
	105%-110%, Warning only (No Shutdown) 110%-120%, Shutdown After 10s >120%, Shutdown Immediately					
	110%-130%, Warning only>130%, Shutdown Immediately					
Connection	3 x 3 Pins Universal Sockets					
EFFICIENCY						
Mains Mode	≥ 88%		≥ 89%		≥ 90%	
Battery Mode	≥ 85%		≥ 86%		≥ 87%	
ECO Mode	≥ 96%		≥ 96%		≥ 96%	
BATTERIES						
DC Voltage	24 V	36 V	48 V	72 V	72 V	96 V
Inbuilt Battery	12V x 9 Ah	Depending on External Batteries	12V x 9 Ah	Depending on External Batteries	12V x 9 Ah	Depending on External Batteries
Recharge Time	4 Hours		4 Hours		4 Hours	
Charging Current (max.)	1A	5A	1A	5A	1A	5A
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	≤ 45 dB (1m)					
Dimensions (WxDxH) (mm)	140 x 327 x 191		151 x 394 x 225		151 x 394 x 225	
Net Weight (kg)	7.5	4.3	13.8	7.6	16.6	7.6

* Specifications are subject to change without prior notice.

* Custom-made specifications are acceptable.



ISO 9001 CERTIFIED COMPANY



Long Backup



AVR



Line Surge
Protector



Tel / Mordem Port



Software



Affordable



User Friendly