

MAXTRON MX WPRS SERIES

Rack / Tower Convertible

6kVA - 10kVA

TRUE ONLINE RT UPS
- Single Phase

Features

- Advanced DSP and 3-Level Technology
- High Output Power Factor (0.8)
- Flexible Rack/Tower Design
- Active Power Factor Correction (APFC)
- High Operational Efficiency
- Digital Parallel Technology
- Wide Input Voltage and Frequency Range
- Automatic 50/60 Hz Frequency Sensing
- Configurable Battery System
- High Charging Capacity (Max. 6A)
- Intelligent Battery Management
- Configurable Delayed Start-Up
- Intelligent Fan Speed Control
- Built-In Self-Aging Function
- Compact Internal Architecture
- LCD + LED Display
- Comprehensive Monitoring Software
- Enhanced Hardware and Software Compatibility



Maxtron MX-6KWPRS



Maxtron MX-10KWPRS

Available Options

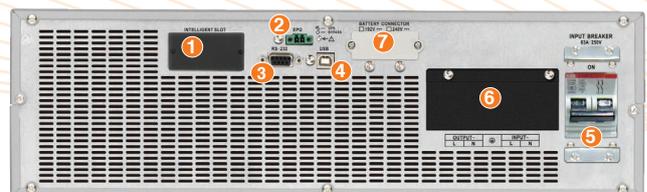
- RS232 and smart card slot included
- Optional parallel function, battery temperature compensation, SNMP card, USB, RS485 card, dry contacts, EMD and SMS alarms

Maxtron MX-6KWPRS / MX-10KWPRS Rear Panels

- | | |
|------------------------------|--|
| 1. Intelligent Slot | 5. Input Breaker |
| 2. Emergency Power Off (EPO) | 6. Hard-wired I/O Terminal: L / N / PE |
| 3. RS-232 Port | 7. DC Bus 192/240VDC |
| 4. USB Port | |



Maxtron MX-6KWPRS



Maxtron MX-10KWPRS



MAXTRON MX WPRS SERIES

Technical Specification

MODEL		MAXTRON MX-6KWPRS	MAXTRON MX-10KWPRS
Phase		Single Phase with Ground	
Capacity		6000 VA / 4800 W	10000 VA / 8000 W
INPUT			
Nominal Voltage		208 / 220 / 230 / 240VAC	
Voltage Range		110-300 VAC \pm 3% at 50% Load 176-300 VAC \pm 3% at 100% Load	
Frequency Range		46 Hz ~ 54 Hz or 56 Hz ~ 64 Hz	
Power Factor		\geq 0.99 @ Nominal Voltage (100% load)	
OUTPUT			
Output Voltage		208 / 220 / 230 / 240 VAC	
AC Voltage Regulation (Batt. Mode)		\pm 1%	
Frequency Range (Synchronized Range)		46 Hz ~ 54 Hz or 56 Hz ~ 64 Hz	
Frequency Range (Batt. Mode)		50 Hz \pm 0.1 Hz or 60 Hz \pm 0.1 %	
Current Crest Ratio		3:1	
Harmonic Distortion		\leq 3%THD (Linear Load) ; \leq 5%THD (Non-linear Load)	
TOPOLOGY			
Transfer Time	AC Mode to Batt.Mode	Zero	
	Inverter to Bypass	Zero	
Waveform (Batt. Mode)		Pure Sinewave	
EFFICIENCY			
AC Mode		92%	93%
Battery Mode		90%	91%
SYSTEM			
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators	
BATTERY			
DC Bus Voltage		192-240 VDC	
Battery Capacity		12V 7AH / 9AH	
Autonomy		Depending on the equipment loads	
Maximum Charging Current		Configurable 1A / 2A / 4A (Default) / 6A, 6A is applicable only with 16 batteries	
Typical Recharging Time		Depending on the batteries capacity	
COMMUNICATIONS / MANAGEMENT			
Smart RS-232 / USB		Supports Windows® 2000 / 2003 / XP / Vista / 2008 , Windows® 7 / 8, Linux, Unix and MAC	
Intelligent Slot		SNMP / AS400 Card	
STANDARDS / APPROVALS			
Compliances		CE	
IP Rating		IP 20	
ENVIRONMENT			
Operating Temperature		0°C ~ 40°C	
Relative Humidity		0-95 % (non-condensing)	
Acoustic Level at 1m		\leq 55dB	\leq 58dB
PHYSICAL PROPERTIES			
UPS	Dimensions (W x D x H) mm	438 x 530 x 88	438 x 580 x 133
	Net Weight (kg)	15	18
EBM	Dimensions (W x D x H) mm	438 x 668 x 88 or 438 x 580 x 133	
	Net Weight (kg)	48 or 61	
WARRANTY & SUPPORT			
Product Warranty		3 Year Warranty on UPS Parts and Labour. 2 Year on Warranty on VRLA Rechargeable Batteries.	

* Capacity Derating: 60% in Frequency Converter (FC) mode; 90% when output is set to 208 VAC

• Specifications are subject to change without notice; errors and omissions excepted.
Only KOSS UPS order confirmation and official technical documentation shall be binding.

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TRUE ONLINE RT UPS
- Single Phase



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No. G-10,1-10 & 2-10, Jalan Kenari 12B, Bandar Puchong Jaya, 47100 Puchong, Selangor Darul Ehsan. Tel: (603) 8070 5899

E-mail: enquiry@kossups.com.my