



POWER LOGIC



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KOSS UPS

MAXTRON RACK-MOUNT SERIES True Online UPS (5KVA - 10KVA)

- User Friendly LCD Display
- Rack Mount Type Design
- True Online Double Conversion Design
- Output Power Factor 0.8
- Wide Input Range (110V - 300V)
- Programmable Power Management Outlets
- ECO Mode Function For Energy Saving
- Emergency Power Off (EPO) Function
- Smart Battery Charger Design to Optimize Battery Performance
- Sealed Lead Acid Maintenance Free Battery
- CSB / YUASA / Panasonic - Japan Battery
- Comes with RS 232 Comm. Port, USB Port ,
SNMP Slot & Power Management Software



3 Years for UPS 2 years for Battery



Malaysia



UK



USA



Korea

Maxtron G-Series Rackmount UPS (5 KVA to 10KVA)



- True double-conversion
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- Output power factor 0.8
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- ECO mode operation for energy saving (ECO)
- SNMP+USB+RS-232 multiple communications
- Smart battery charger design for optimized battery performance
- Selectable output voltage via LCD panel

KOSS UPS

MODEL		MX-5000WR / WRS	MX-6000WR / WRS	MX-8000WR / WRS	MX-10000WR / WRS
PHASE		Single phase with ground			
CAPACITY		5000 VA / 4000 W	6000 VA / 4800 W	8000 VA / 6400 W	10000 VA / 8000 W
INPUT					
Nominal Voltage		208/220/230/240VAC			
Voltage Range		176-300 VAC at 100% Load ; 110-300 VAC at 50% Load			
Frequency Range		46 Hz ~ 54 Hz or 56 Hz ~ 64 Hz			
Power Factor		≥ 0.99 @ 100% Load			
OUTPUT					
Output Voltage		208/220/230/240VAC			
AC Voltage Regulation		± 1%			
Frequency Range (Synchronized Range)		46 Hz ~ 54 Hz or 56 Hz ~ 64 Hz			
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current Crest Ratio		3:1 (max.)			
Harmonic Distortion		≤ 3 % THD (Linear Load), ≤ 6 % THD (Non-linear Load)			
Transfer Time	Bypass to Inverter (Line mode)	Zero			
	Inverter to Bypass (Line mode)	Zero			
Waveform (Batt. Mode)		Pure Sinewave			
EFFICIENCY					
Line Mode		89%			
Battery Mode		88%			
BATTERY					
GR-Model (Standard)	Battery Type	12 V / 7 AH		12 V / 9 AH	
	Numbers	20 pcs		20pcs	
	Typical Recharge Time	9 hours recover to 90% capacity		9 hours recover to 90% capacity	
	Charging Current	Default:1.0 A ± 10%, Max.:2.0A ± 10%		Default:1.0 A ± 10%, Max.:2.0A ± 10%	
	Float Charging Voltage	240 VDC ± 1%		240 VDC ± 1%	
GS-Model (Long Run)	Battery Type	Depending on applications			
	Numbers	20			
	Charging Current	Default:4.0 A ± 10%, Max.:6.0A ± 10%			
	Float Charging Voltage	240 VDC ± 1% (based on 20 pcs batteries)			
INDICATORS					
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
ALARM					
Battery Mode		Sounding every 4 seconds			
Low Battery		Sounding every second			
Overload		Sounding twice every second			
Fault		Continuously sounding			
PHYSICAL					
WR-Model (Standard)	Dimension, D x W x H(mm)	580 x 438 x 266 (6U)		668 x 438 x 266	
	Net Weight (kgs)	74		83	
WRS-Model (Long Run)	Dimension, D x W x H(mm)	580 x 438 x 133 (3U)		668 x 438 x 133	
	Net Weight (kgs)	17		20	
ENVIRONMENT					
Operation Humidity		0-95 % RH @ 0- 40°C (Non-condensing)			
Noise Level		Less than 55dBA @ 1 Meter		Less than 58dBA @ 1 Meter	
MANAGEMENT					
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			
Warranty					
UPS Warranty		3 Years Full Warranty Include Parts & Labour			
		2 Years Warranty for Battery			

Product specifications are subject to change without further notice



ISO 9001 CERTIFIED COMPANY