



POWER LOGIC®

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# KOSS UPS

## MAXTRON T-SERIES (10KVA - 80KVA) True Online 3 Phase UPS

- Unmatched Input Power Factor 1 at Any Load Condition
- Total Harmonic Distortion (THDv) at 0.5% Linear Load
- Excellent Admissible Crest Factor 3.4 = 1
- Improved New Compact Design  
To Reduce Footprint & Space
- Reliable Filtering & Interference Free Power  
With New DSP Based IGVT Design
- 2 Years On Site Warranty Include Labour,  
Battery & Part



**NOW! 3 YEARS**  
**FULL WARRANTY**  
Parts & Labour  
2 Years for Battery



Malaysia



UK



USA



Korea

# MAXTRON T-SERIES (10KVA - 80KVA)

## True Online 3 Phase UPS



Technical Specifications:

NOMINAL POWER (KVA)	MX-10KT	MX-15KT	MX-20KT	MX-30KT	MX-40KT	MX-50KT	MX-60KT	MX-80KT
<b>INPUT</b>								
Nominal Voltage	3 x 400V (3PH + N)							
Acceptable Voltage Range	+15% or -20%							
Frequency	50/60Hz $\pm$ 5%							
Total Harmonic Distortion (THDi)	< 1.5% @ 100% load			< 1.0% @ 100% load				
	< 2.5% @ 50% load			< 2.0% @ 50% load				
	< 6.0% @ 10% load			< 5.0% @ 10% load				
Current Limitation	High overload: PFC Limit (discharging batteries)							
Power Factor	1.0							
<b>INVERTER</b>								
Nominal Voltage	3 x 400V (3PH + N)							
Precision	Stationary $\pm$ 1% (load variations 100-0-100%)							
Frequency	50/60Hz synchronized $\pm$ 4%							
Max. Synchronization Speed	$\pm$ 1 Hz/s							
Waveform	Pure Sinewave							
Total Harmonic Distortion (THDv)	<0.5% (Linear Load) <1.5% (Non-linear Load)							
Phase Displacement	120° $\pm$ 1% (balanced load) 120° $\pm$ 2% (imbalances 50% of the load)							
Dynamic Recovery Time	10ms. At 98% of the static value							
Admissible Overload	125% for 10 min., 150% for 60s							
Admissible Crest Factor	3.4 : 1			3.2 : 1				
Admissible Power Factor	0.1 inductive to 0.1 capacitive							
Imbalance Output Voltage @ 100% Unbalanced	< 1%							
Current Limit	High overload, short-circuit RMS Voltage Limit							
<b>STATIC BYPASS</b>								
Type	Solid state							
Voltage	3 x 400V (3PH + N)							
Frequency	50/60Hz							
Activation criterion	Microprocessor control							
Transfer Time	Zero							
Admissible Overload	400% for 10 sec							
Transfer to bypass	Immediate, for overloads above 150%							
Retransfer	Automatic after alarm clear							
<b>MANUAL BYPASS (MAINTENANCE)</b>								
Type	Without interruption							
Voltage	3 x 400V (3PH + N)							
Frequency	50/60Hz							
Overall Efficiency (Line Mode)	90.00%	90.50%	91.00%	92.00%	92.50%	93.05%	94.00%	94.00%
<b>PHYSICAL</b>								
Dimensions, D x W x H(mm)	700 x 450 x 1100			980 x 650 x 1320				
Net Weight (without batteries) (Kg)	120			190	200	300	300	
Built-in Batteries Type (2x31)	12V 3.3Ah	12V 7Ah	12V 7.2Ah	12V 12Ah	12V 18Ah	-	-	-
Net Weight (w/built-in batteries) (Kg)	250		250	530	-			
<b>EXTERNAL BATTERY CABINET 1</b>								
Dimensions, D x W x H(mm)	700 x 450 x 1100			980 x 650 x 1320				
Built-in Batteries Type (2x31)	12V 12Ah			12V 26Ah			-	
Net Weight (Kg)	250			710				
<b>EXTERNAL BATTERY CABINET 2</b>								
Dimensions, D x W x H(mm)	700 x 450 x 1100			980 x 650 x 1320				
Built-in Batteries Type (2x31)	12V 18Ah			12V 40Ah				
Net Weight (Kg)	410			1020				

Specification subject to change without prior notice

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Long Backup



AVR



Line Surge Protector



Tel / Modem Port



Software



Full Warranty



Affordable



User Friendly