



**metartec**  
powering your future

## METARTEC'S MICRO VERSI X1

A versatile UPS in tower or rack form. This model offers unity power factor and is an ideal Solution for small computer centres, servers and for industrial applications.

- **Unique feature**

The MICRO VERSI X1 is highly versatile UPS with unity power factor and can be installed as a floor standing tower UPS or in a 19-inch communications rack.

- **Design**

Metartec have designed the MICRO VERSI X1 as a convertible form design in a compact 2U frame.

- **Efficiency**

A high efficiency UPS rated at 98.5% in power saving ECO mode.

- **Expandability**

The MICRO VERSI X1 is scalable and can be connected parallel, to increase power availability.

- **Unlocked software**

With unlocked software, we can ensure that our customers avoid high service costs, which subsequently reduces their cost of UPS ownership.



For further details on the MICRO VERSI X1 and information on Metartec's complete range of critical power products and services can be viewed at [www.metartec.com](http://www.metartec.com). Alternatively call us on 0845 50 40 444 or email [info@metartec.com](mailto:info@metartec.com)



MICRO VERSI 6000 / 10,000 X1			
MODEL	MICRO VERSI 6000 X1		MICRO VERSI 10,000 X1
CAPACITY	6000 VA / 6000 W		10,000 VA / 10,000 W
Phase	Single phase with ground		
<b>INPUT</b>			
Voltage Range	110-300 VAC $\pm$ 3 % at 50% load or 176-300 VAC $\pm$ 3 % at 100% Load		
Nominal Voltage	200 / 208 / 220 / 230 / 240 VAC		
Frequency Range	46Hz ~ 54Hz or 56Hz ~ 64Hz		
Power Factor	$\geq$ 0.99 @ Nominal Voltage (100% Load)		
Harmonic Distortion (THDi)	$\leq$ 4% @ nominal input voltage		
<b>OUTPUT</b>			
Output Voltage	208 / 220 / 230 / 240 VAC		
AC Voltage Regulation (Batt. Mode)	$\pm$ 1%		
Frequency Range (Batt. Mode)	50 Hz or 60Hz $\pm$ 0.1 Hz		
Transfer Time	AC Mode to Batt. Mode	Zero	
Transfer Time	Inverter to Bypass	Zero	
Waveform (Batt. Mode)	Pure Sinewave		
Current Crest Ratio	3:1 (Max)		
Harmonic Distortion	$\leq$ 1 % THD (Linear Load)	$\leq$ 4 % THD (Non-linear Load)	
Frequency Range (Synchronised Range)	47-53 Hz or 57-63 Hz		
Overload	AC Mode	100% ~110% 30 Secs / 110% ~ 130% 10 Secs / >130% 1 Sec	
	Batt Mode	100% ~110% 10 Min / 110% ~ 130% 1 Min / >130% 1 Sec	
<b>EFFICIENCY</b>			
AC Mode	$\geq$ 94% with fully charged battery		$\geq$ 94% with fully charged battery
Battery Mode	$\geq$ 92%		$\geq$ 92%
ECO Mode	$\geq$ 98.5% with fully charged battery		
<b>BATTERY</b>			
Typical Charging Time	9 Hours to 90% capacity for internal battery		
Charging Current	4A selectable on front LCD display		
Battery Type	Depending on applications		
Charging Voltage	(13.65 VDC x battery number) $\pm$ 1%		
<b>INDICATORS</b>			
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions		
LED Panel	UPS status, Load level, Battery level, and Fault indicators		
<b>ALARM</b>			
Battery Mode	Sounding every 4 seconds		
Low Battery	Sounding every second		
Overload	Sounding twice every second		
Fault	Continuously sounding		
<b>PHYSICAL</b>			
UPS Model	Dimension, D X W X H (mm)	610 X 438 X 88 (2U)	610 X 438 X 88 (2U)
	Net Weight (kg)	20	20
Battery Model	Dimension, D X W X H (mm)	610 X 438 X 88 (3U)	610 X 438 X 88 (3U)
	Net Weight (kg)	63	63
<b>ENVIRONMENT</b>			
Operation Humidity	20-90 % RH @ 0- 40°C (non-condensing)		
Altitude	10% derating for over 1000m (Altitude should not exceed 3000m)		
Noise Level	Less than 55 dB @1m	Less than 58 dB @1m	
<b>MANAGEMENT</b>			
Smart RS-232	Supports Windows family, Novell, Linux, MAC and FreeBSD		
USB			
Optional SNMP			
Warranty	2 year replacement (from delivery)		

Product specifications are subject to change without further notice  
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		MICRO VERSI X1 6kVA LA				MICRO VERSI X1 10kVA LA			
		VLA 1	VLA 2	VLA 3	VLA 4	VLA 1	VLA 2	VLA 3	VLA 4
Autonomy Time (minutes)	100% load	6.9	19.2	31.5	43.1	2.1	8.9	16.7	22.9
	75% load	10.4	25.7	43.01	65.4	4.4	13.7	22.9	34.3
	50% load	19.2	43.1	81.7	114.1	8.9	22.9	39.1	49.2
	25% load	43.1	114.1	147.2	218.3	22.9	49.2	103.2	130.3