



**metartec**  
powering your future

### METARTEC'S MILLI X1

From 10 to 60kW, the MILLI X1 provides the best solution for small and medium data centre, comms rooms, IT networks and any mission critical application demanding high availability and unbeatable energy efficiency

- **Unique feature**  
The MILLI X1 is a compact and cost effective 3 phase solution
- **Design**  
Metartec have designed the MILLI X1 as a high-density UPS system with an optimised footprint
- **Efficiency**  
A high efficiency UPS rated at 98.5% in eco mode
- **Expandability**  
The MILLI X1 is scalable from 10kVA to 180kVA
- **Unlocked software**  
With unlocked software, we can ensure that our customers avoid high service costs which subsequently reduces their cost of UPS ownership



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)



MILLI X1					
Model MILLI X1	MILLI-X1 10000 Standard and Long Autonomy	MILLI-X1 20000 Standard and Long Autonomy	MILLI-X1 30000 Standard and Long Autonomy	MILLI-X1 40000 Standard and Long Autonomy	MILLI-X1 60000 Long Autonomy
Capacity kVA = kW	10	20	30	40	60
<b>INPUT</b>					
Voltage	380V/400V/415V (Line-Line)				
Voltage range	190-520 VAC (3-phase) @ 50% load 305-478 VAC (3-phase) @ 100% load				
Frequency range	46~54 Hz or 56~64Hz				
Input current THDi*	THDi <3% for linear load, THDi <5% for nonlinear load				
Power factor	>0.99 @100% Load				
<b>OUTPUT</b>					
Output voltage	380V/400V/415V (line to line)				
Voltage regulation	±1%				
THDu	<2%(linear load), <5%(nonlinear load)				
Power factor	1				
Frequency range	50/60Hz				
Frequency precision	±1% on Battery Mode				
Overload capacity	<b>Inverter and Bypass</b> 100-110% 60 min, 110-125% 10 min, 125-150% 1min; >150% immediately				
<b>BATTERY</b>					
Standard V	±136.5 VDC ±10%	±218 VDC ±10%	±218 VDC ±10%	±218 VDC ±10%	N/A
Standard -Internal	10+10 (7Ah)	16+16 (9Ah)	16+16 (9Ah)	16+16 (9Ah) x 2	N/A
Long Autonomy V	±136.5 VDC ±10%	+/-13.65V*N (N=16~20)			
Long Autonomy #	20 pcs	32 to 40 pcs (adjustable)			
Charge Current	1A to 12A				2A to 24A
<b>SYSTEM</b>					
Efficiency	Double Conversion 95.5%, ECO 98.5%, Battery 94.5%				
Display	Colour LCD Touch Screen+ LED				
IP class	IP20				
Interface	Standard: RS232 and USB, Smart slot for Dry contactor, WiFi or SNMP card,				
OPS/Storage Temp	0-40 °C / -40 °C-70 °C				
Relative humidity	0-95% (non-condensing)				
Noise @1m	<55 dB	<58 dB	<65 dB	<70 dB	<70 dB
Certificates	EN/IEC 62040-1   EN/IEC 62040-2   EN/IEC 62040-3   CE   RoHS				
<b>DIMENSIONS</b>					
Std D x W x H mm	626 x 250 x 750	626 x 250 x 750	845 x 300 x 1000	845 x 300 x 1000	N/A
Std Weight kg	124	139	225	250	N/A
LA D x W x H mm	626 x 250 x 750	626 x 250 x 750	845 x 300 x 1000	845 x 300 x 1000	790 x 360 x 1010
LA Weight kg	28	43	60	61	106
EXB D x W x H mm	626 x 250 x 750	626 x 250 x 750	845 x 300 x 1000	845 x 300 x 1000	845 x 300 x 1000
EXB Weight kg	250	250	260	260	260