



# MEGA M

A fully modular UPS or Frequency Converter system with the highest availability of any UPS in the market with nine, 9's. Unity power factor and DARA™ technology to reduce the potential of human error.



Energy Efficient



Unlocked software



2 year warranty

## METARTEC'S MEGA M

A fully modular UPS or Frequency Converter system, with the highest power availability, designed predominantly for the Data Centre market. Equipped with DARA™ (Distributed Active-Redundant Architecture) technology, the MEGA M reduces the potential of human error and downtime which eases functionality in data centres.

### UNIQUE FEATURE

The MEGA M has the highest availability of any system in the market with nine, 9's. Unity power factor and DARA™ technology also reduces the potential of human error.

### DESIGN

Metartec have designed the MEGA M as a high density fully modular system with an optimised footprint, increased power availability and hot swappable UPS modules.

### EFFICIENCY

A high efficiency UPS rated at 97% in online mode.

### EXPANDABILITY

The MEGA M is scalable from 10kW to 3600kW.

### UNLOCKED SOFTWARE

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



<b>MEGA M</b>	MEGA M20 EB	MEGA M100 EB	MEGA M150 EB	MEGA M251 EB	MEGA M300 EB	MEGA M500 EB	MEGA M600 EB	MEGA M900 EB
Capacity kW	20	100	150	250	300	500	600	900

<b>INPUT</b>	
Voltage	380/400/415V (Line-Line)
Voltage range	220/230/240V (line to neutral)
Frequency range	40-70Hz
Input curr. THDi*	THDi <3% for linear load, THDi <5% for nonlinear load
Power factor	>0.99

<b>OUTPUT</b>	
Output voltage	380/400/415V (line to line)
Voltage reg.	1.00%
THDu	<2%(linear load), <3%(nonlinear load)
Power factor	1
Frequency range	50/60Hz
Frequency precis.	0.1% Battery Mode
Overload cap.	124% continuous; 125% for 10 minutes; 150% for 1 minute

<b>BATTERY</b>	
Voltage	±180VDC to ±300VDC
Charger power	10% of Active Power
Voltage precision	1%

<b>SYSTEM</b>	
Efficiency	Double Conversion 97%
Display	Colour LCD Touch Screen+ LED
IP class	IP20
Interface	Standard: RS232, RS485, Dry contactor, SNMP card, EPO and Bluetooth
Operation storage /temp.	0-40°C/ -40°C-70°C
Relative humidity	0-95% (non-condensing)
Noise	65 dB

<b>DIMENSIONS</b>								
Weight kg	65	256	312	420	440	896	896	1440
Width mm	548	510	510	730	730	1462	1462	2200
Depth mm	400	815	795	821	851	845	845	820
Height mm	804	1315	1980	1980	1980	1980	1980	1980