

# Multi Power

## 42kVA—1MVA

Three-phase input

Three-phase output

## Uninterruptible Power Supply

### Main Features

- Modular UPS System
- Single Cabinet up to 294kVA
- Parallel Connect to over 1MVA
- ZERO Impact on Source Supply
- Highly Flexible
- Maximum Availability
- Ultimate Scalability
- Unmatched Power Density
- Efficiency > 96.5%
- Multiple Digital Controls
- Advanced Communications
- Protects Datacentres & other Critical Loads
- Reliable Power Source
- Low Maintenance
- Very Low MTTR



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Your satisfaction is our motivation

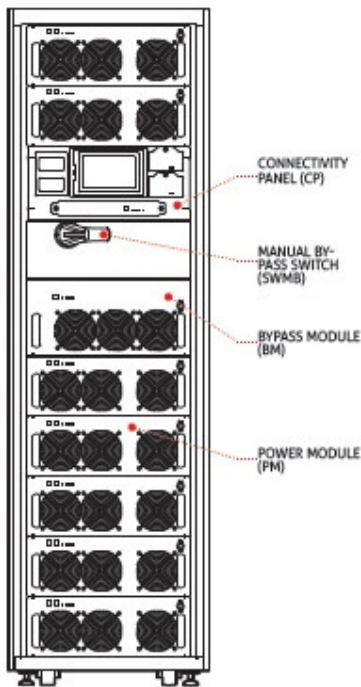
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# SPECIFICATIONS

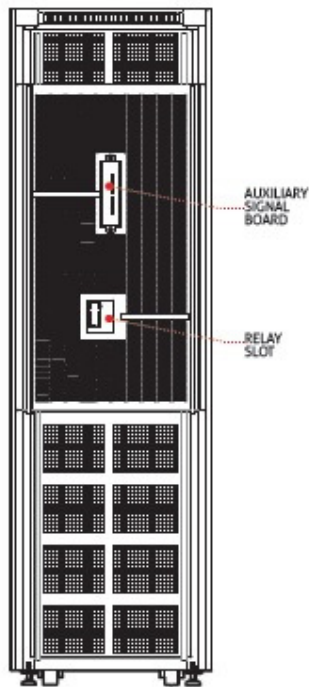
MODEL	MPW - from 42 to 294kVA		
<b>INPUT</b>			
Nominal voltage	380-400-415 Vac three-phase + N		
Voltage tolerance	240 to 480 V		
Frequency tolerance	40 to 72 Hz		
Power factor	1		
Current distortion	THDI <3.5%		
<b>BYPASS</b>			
Nominal power	252kW (Power Cabinet) / 126kW (Combo Cabinet)		
Nominal voltage	380 - 400 - 415 Vac three-phase + N		
Voltage tolerance	from 180V to 264V (adjustable)		
Nominal frequency	50 or 60 Hz		
Overload	125% for 10 minutes; 150% for 1 minute		
<b>OUTPUT</b>			
Nominal voltage	380 – 400 – 415 Vac three-phase + N		
Frequency	50 or 60 Hz		
Voltage stability	± 0.5%		
Dynamic stability	EN62040-3 class performance 1 distorting load		
<b>OVERALL SPECIFICATION</b>			
Power module nominal power	42kW		
Output power factor	1		
Eco Mode Efficiency	Up to 99%		
Cabinet type	Power Cabinet	Combo Cabinet	Battery Cabinet
Nominal Power	294kW	126kW	N/A
Parallel up to “n” cabinets	4	4	N/A
Cabinet lay out description	7 x PM	3 x PM 5 x Battery shelves	9 x Battery shelves
Dimensions (HxWxD)	2000x600x1050mm		
Weight (without PM/BU)	320kg	360kg	280kg
System Noise Level at 1m	< 68	< 65	N/A
Cabinet IP rating	IP20 finger proof		
Cable input	Rear side either top or bottom		
Colour	RAL 9005		
Standards	Safety: IEC EN62040-1 EMC:IEC EN 62040-2-category C2		

Specifications subject to change prior to notice

**MPW Power Cabinet  
42-294 kW  
(front)**



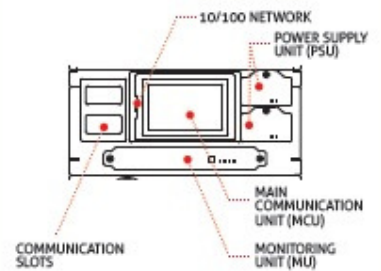
**MPW Power Cabinet  
42-294 kW  
(back)**



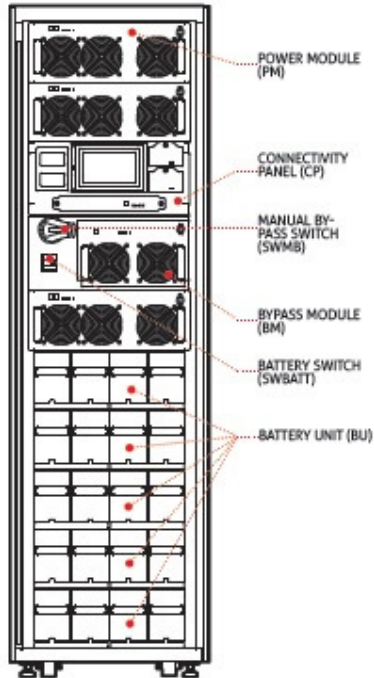
**AUXILIARY SIGNAL BOARD**



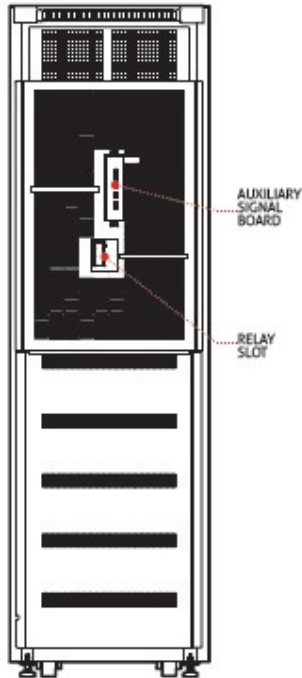
**CONNECTIVITY PANEL (CP)**



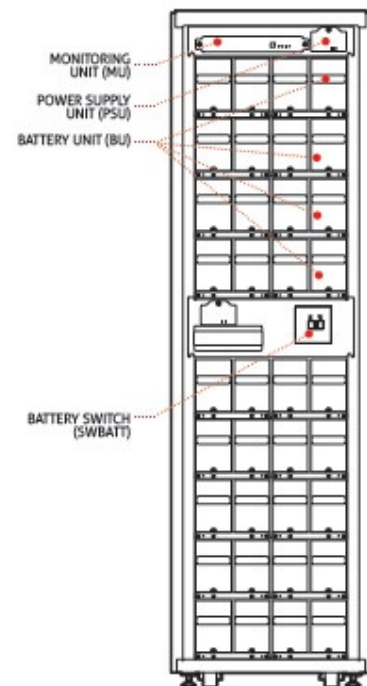
**MPW Combo Cabinet  
42-126  
(front)**



**MPW Combo Cabinet  
42-126  
(back)**



**MPW Battery Cabinet  
(front)**



Issue 05/15



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