

Master Plus

10-100kVA

Three-phase input

Single-phase output

Uninterruptible Power Supply

Main Features

- On-line double conversion
- Static and manual bypass
- Output power factor 0.9
- Flexible solutions
- Galvanic isolation
- Parallel/redundant operation
- LCD screen
- Superior battery management
- 50 or 60Hz operation
- Wide input voltage range
- Programmable output
- Various battery options
- RS-232/USB and contact interface
- SNMP communication options
- Free software



Tel: +44 (0)1920 871077

Fax: +44 (0)1920 871337

Email: sales@cetronicpower.com

Your satisfaction is our motivation

www.cetronicpower.com

SPECIFICATIONS

MODEL	MP 10	MP 15	MP 20	MP 30	MP 40	MP 60	MP 80	MP 100
Rated power (kVA)	10	15	20	30	40	60	80	100
Power (W)	9	13.5	18	27	36	54	72	90
INPUT								
Nominal voltage	380 – 400 – 415 Vac Three-phase							
Voltage tolerance	400 V +20% / -25%							
Frequency	45 – 65 Hz							
BATTERIES								
Type	Open lead acid and VRLA AGM / GEL;NiCd							
OUTPUT								
Nominal volatage	220 – 230 – 240 Vac Single-phase							
Static stability	±1%							
Dynamic stability	±5% in 10ms							
Voltage distortion	<1% with linear load / <3% with non-linear load							
Crest factor	3:1							
Frequency	50 or 60 Hz (selectable)							
Overload	110% for 1 minute; 125% for 10 seconds; 150% for 1 second							
ADDITIONAL INFO								
Weight	200	220	230	290	340	440	520	650
Dimensions (HxWxD) (mm)	1400 x 555 x 740					1400 x 800 x 740		1900x800x800
Remote signals	volt-free contacts							
Communication	Double RS232 + remote contacts + 2 slots for communications interface							
Ambient temperature	0°C / +40°C							
Relative humidity	<95% non-condensing							
Colour	Dark grey RAL 7016							
Noise level at 1m (dBA)	54		62					63
Protection level	IP20							
Regulations	Regulatory Directives LV 2006/95/EC – 2004/108/EC; IEC Safety EN 62040-1; EMC IEC EN 62040-2; IEC Performance EN 62040-3							
Classification according to IEC 62040-3	(Voltage Frequency Independent) VFI – SS -111							

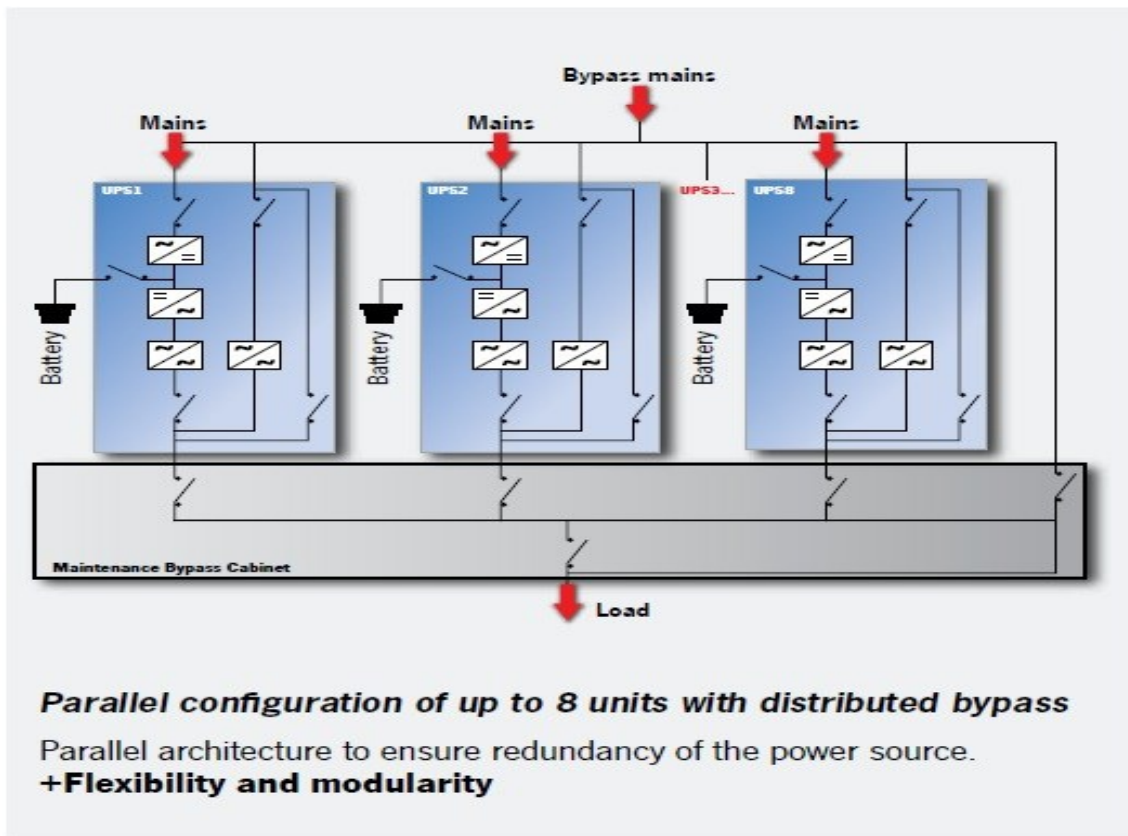
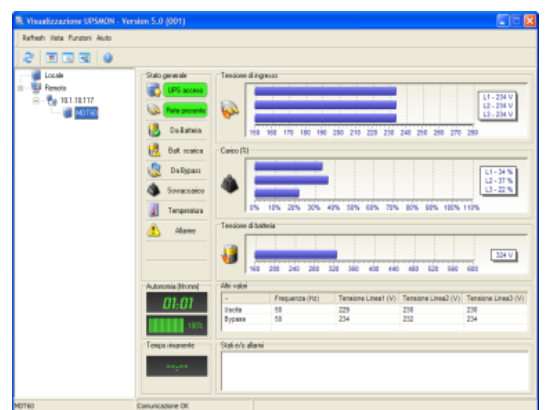
Specifications are subject to change without prior notice.

Optional Extras

- SNMP Network Interface Card
- Relay Card (Volt-free contacts)
- Parallel Redundant Operation
- Separate Bypass Input Supply
- Galvanic Isolation Transformers
- External Manual Bypass Switch
- Extended Battery Back-Up Times
- Service and Maintenance Plans



Left: Remote Alarm Panel
Right: Screenshot of software.
Below: Parallel UPS diagram



Issue 08.13



Tel: +44 (0)1920 871077
Fax: +44 (0)1920 871337
Email: sales@cetronicpower.com

Your satisfaction is our motivation
www.cetronicpower.com

