

Power distribution

FlexPDU / HotSwap MBP / Comet PDU

The no hassle solution for improving availability and adding flexibility for single phase UPSs

FlexPDU

Having the right connectors just where you need them



FlexPDU range.

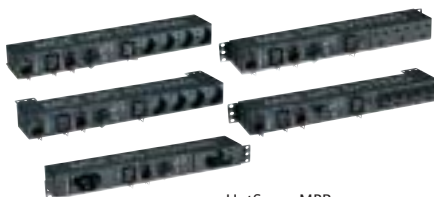
- FlexPDUs (Power Distribution Units) are flexible mounting multiway socket blocks for easy connection of multiple loads or either free-standing or rack-mounted UPSs.
- FlexPDUs have a large number of sockets (8 French or Schuko sockets, 6 BS sockets or 12 IEC 10A sockets) which fit into a very compact unit (1U - 19").
- FlexPDUs are easy to implement into any type of installation: they can be rack mounted horizontally (1U) or vertically or directly onto all MGE RT format (rack/tower) UPSs.



The FlexPDU and HotSwap MBP units can be mounted in many different positions.

HotSwap MBP

High availability for all UPSs up to 3 kVA



HotSwap MBP range.

- HotSwap MBP provides a maintenance bypass for all UPSs up to 3 kVA: UPSs can be hot swapped or upgraded without interrupting the power supply.
- HotSwap MBP has an IEC16A input connector with retaining clip for compatibility with any UPS now and in the future from MGE UPS SYSTEMS or any other supplier.
- There is a range of HotSwap MBP units with different output connectors:
 - French, Schuko, British and IEC sockets
 - terminal blocks on the HW (Hard-Wired) version
- HotSwap MBP units can be installed as required; at the back, side, top of the UPSs, or rack-mounted (horizontally (1.5U) or vertically).

Ideal for:



Connecting rack-mounted equipment.



Providing maximum availability for critical applications.



Connecting a large number of loads safely.

Comet PDU

Socket blocks for single phase UPSs with output terminal blocks

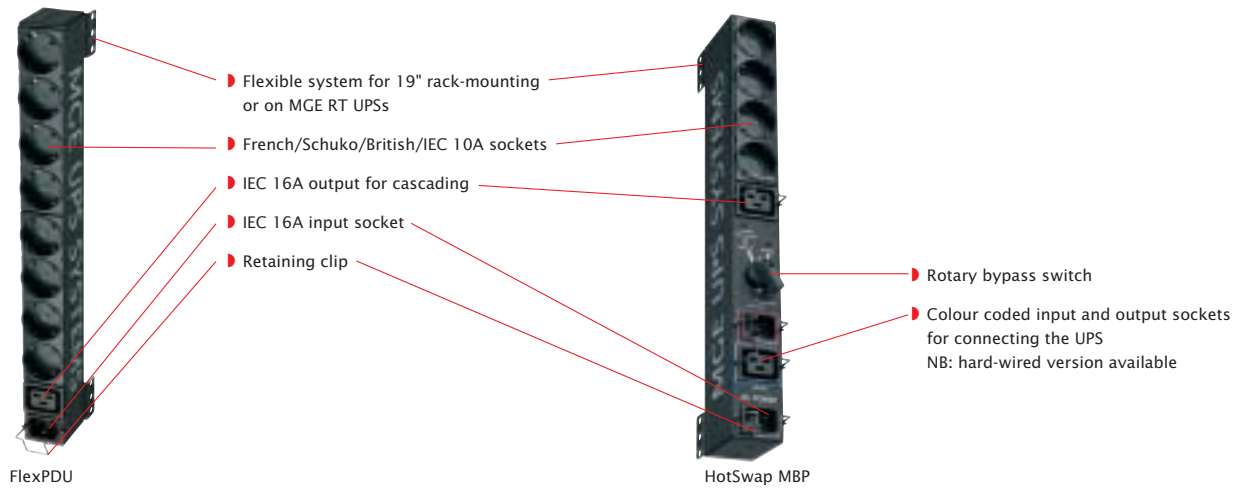


- Comet PDUs (Power Distribution Units) make it easy to connect equipment to single phase UPSs with output terminal blocks (Comet EX RT, etc).
- Comet PDU Power Distribution Units contain 8 IEC 10A and 4 IEC 16A sockets on a 2U rack-mounting module.
- All the outputs have retaining clips for high reliable connections.

THE UNINTERRUPTIBLE POWER PROVIDER

MGE
UPS SYSTEMS

Power distribution - FlexPDU / HotSwap MBP / Comet PDU



Specifications

	FlexPDU	HotSwap MBP	Comet PDU
Current rating	16 A	16 A	52 A
Voltage rating	220-230-240-250 V		
Installation			
Format	1U (except BS) 19" rack-mounting with multi-position mountings	>1U 19" rack-mounting with multi-position mountings	2U 19" rack
Installation	19" rack horizontal or vertical mounting or on MGE RT UPSs		19" rack or wall mounting
Dimensions (H x W x D)	44 x 483 x 80 mm (BS: 52 x 483 x 120 mm)	52 x 483 x 120 mm	89 x 483 x 90 mm
Connections			
Inputs	1 IEC C20 (16A) connector and 2 cables (1 IEC 16A - 16A cable and 1 IEC 10A - 16A cable) for connection to any UPS	FR / DIN / BS / IEC models: 1 IEC C20 (16A) connector and 1 IEC 16A - 16A cable ⁽¹⁾ HW (Hard-Wired): terminal block	Pre-wired 0.5 m cable for connection to the UPS terminal block
Outputs			
FR	8 French sockets + 1 IEC 16A socket	4 French sockets + 1 IEC 16A socket	-
DIN	8 Schuko sockets + 1 IEC 16A socket	4 Schuko sockets + 1 IEC 16A socket	-
BS	6 British sockets + 1 IEC 16A socket (with 2 circuit breakers)	3 British sockets + 1 IEC 16A socket (with 1 circuit breaker)	-
IEC	12 IEC 10A sockets + 1 IEC 16A socket (with 2 circuit breakers)	6 IEC sockets + 1 IEC 16A sockets (with 1 circuit breaker)	8 IEC 10A sockets + 4 IEC 16A sockets (with 4 circuit breakers)
HW	NA	Terminal block	-
Cascading	yes, IEC 16A output socket (except HW)		
Retaining clips	retaining clips on the IEC input and output sockets		
Operating conditions, standards and approvals			
Operating temperature	0°C to 45°C continuous		
Performance - Safety - EMC	FR models: IEC 60 884-1 - DIN models: DIN 49 440-1, DIN 49 440-5, DIN 49 440-6 - BS models: BS 1363 IEC models: IEC 60 320-1, EN 60 320-1 - HW models: IEC 60 950, EN 50 091		IEC/EN 60 320-1
Approvals	CE		

1: Use cable kits P/N 66 439 (French/Schuko) or 66 440 (British) for connecting a low power UPS <2.2 kVA (with IEC 10A outputs) - see below.

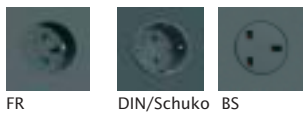
Catalogue references

	FlexPDU	HotSwap MBP	Comet PDU
FR	FlexPDU 8 FR: 68 435	HotSwap MBP 4 FR: 68 430	-
DIN	FlexPDU 8 DIN: 68 436	HotSwap MBP 4 DIN: 68 431	-
BS	FlexPDU 6 BS: 68 437	HotSwap MBP 3 BS: 68 432	-
IEC	FlexPDU 12 IEC: 68 438	HotSwap MBP 6 IEC: 68 433	Comet PDU: 66 857
HW (Hard-Wired)	-	HotSwap MBP HW: 68 434	-
10A French/Schuko cable kit for HotSwap MBP	-	68 439	-
10A British cable kit for HotSwap MBP	-	68 440	-

Cables

	Typical applications	P/N
2 IEC 10A (IEC C13 - IEC C14) cable kit	extra output cables for UPSs	66 395
1 IEC 16A (IEC C20 - IEC C19) cable	for connecting to the IEC 16A output of a UPS	66 396
2 16A French/Schuko cable kit	connecting Pulsar STS 16 to wall sockets	66 397
1 British power cable	British power cable for 2.2 to 3 kVA UPSs	66 236
1 Australian power cable	Australian power cable for 2.2 to 3 kVA UPSs	66 237
1 Swiss power cable	Swiss power cable for 2.2 to 3 kVA UPSs	66 243

Types of sockets



MGE UPS SYSTEMS

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