



Power Shield are pleased to be able to offer a comprehensive range of MBS (Maintenance Bypass Switches) suitable for all UPS applications. An inclusion of a MBS is recommended for all critical power applications.

A correctly designed MBS enables a technician to perform maintenance on a UPS during normal office hours and without having to shut down your critical electrical load while doing so. While in the "Bypass" position the UPS will still receive power from the mains so that the technician can perform maintenance procedures while the load continues to be supplied by raw mains.

In the "Bypass & Isolate" position the UPS can be safely removed from service (if need be) while a new UPS is once again safely installed and all this without interrupting the power supply to the load.

While we offer a standard range of MBS's, we also offer customised solutions to suite the specific project.

## Maintenance Bypass Switches

### Maintenance Bypass, Hot Swap and PDU Suites all UPS up to 3kVA

- No downtime. Routine maintenance can be performed during normal hours by simply switching the MBS to the "Bypass" position. The load is then fed directly from mains power while maintenance is performed or the UPS is replaced all without interruption.
- PDU (power distribution unit). The MBS has six outlets for distribution to your load. See spec below
- Rackmount. It can be mounted both horizontally or vertically (ORU) into a rack
- Wallmount as an option either vertically or horizontally to a wall
- Suitable for both line interactive and true online double conversion topologies



PSMBS2K



PSMBS3K

#### MBS for PowerShield UPS 1-3kVA

Model	PSMBS2K	PSMBS3K
UPS Rating	1-2kVA	3kVA
Input - plug	10Amp (Australian)	15Amp (Australian)
- lead	10Amp Australian lead (x1)	15Amp Australian lead (x1)
Output - Master sockets	IEC 10Amp (x1) (Not used)	IEC 16Amp (x1)
- Slave sockets	IEC 10Amp (x6)	IEC 10Amp (x6)
- UPS leads	IEC 10A-10A cable (x2)	IEC 16A-16A cable (x2)
Dimensions (D x W x H)	(80 x 440 x 50)mm	(80 x 440 x 50)mm