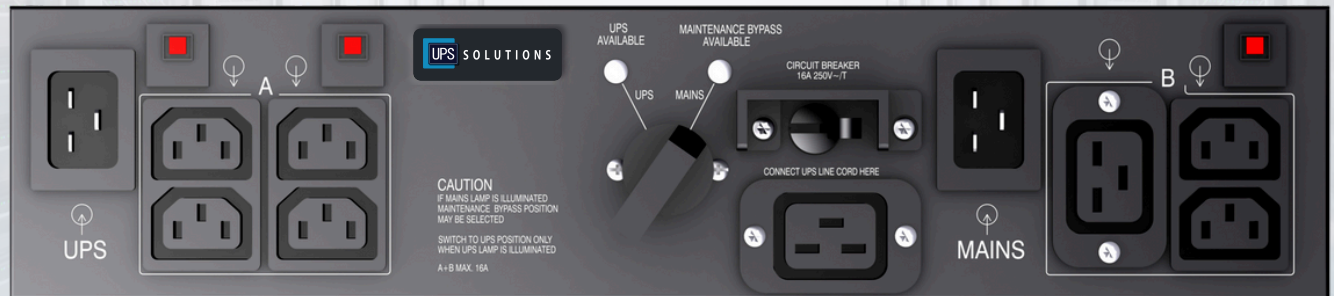




# UPS SOLUTIONS

## BYPASS PANEL

UPS-MBP2



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# UPS Solutions Bypass Panel

## UPS-MBP2

### Details

**Model:** UPS Solutions UPS-MBP2 Bypass Panel

**Purpose:** Provides maintenance bypass capability and power distribution for UPS systems.

**Application:** Designed for use with rack-mounted or tower-configured UPS systems in commercial and industrial environments.

### Dual Operation Modes:

- **UPS Mode:** Supplies conditioned power through the UPS system.
- **MAINS (Maintenance Bypass) Mode:** Routes power directly from the mains to the load for uninterrupted operation during UPS servicing.

### Features

- Rapid transfer between modes with a **rotary switch**.
- **LED Indicator Lamps:**
  - **Orange (MAINS):** Indicates mains power is available.
  - **Green (UPS):** Indicates UPS output power is active.
- Compact design suitable for 19" rack mounting with adjustable orientation.
- Designed for seamless integration with UPS Systems.



### Description

The UPS Solutions UPS-MBP2 Bypass Panel is engineered to provide a reliable and isolated power path for UPS maintenance or service. It supports rapid transitions between UPS Mode (conditioned power) and MAINS Mode (direct power) with minimal downtime, ensuring critical loads remain powered during maintenance.

The panel is housed in a durable, rack-mountable enclosure, making it suitable for server rooms and industrial settings. The intuitive LED indicators and rotary switch simplify operation and status monitoring.

## Specifications

- **Transfer Time:** <6 ms
- **Operating Temperature:** 0°C to +40°C
- **Humidity:** 0 to 95% non-condensing
- **Dimensions:** 88 x 77 x 394 mm
- **Weight:** 4.5 kg
- **Standards and Certifications:** CE, EN 60950, ISTA Procedure 1A

## Installation Procedure

### Before You Start:

- Verify compatibility with UPS system sockets and load requirements.
- Disconnect all power sources before installation.

### Connections:

1. Connect the **UPS Input Cord** to the designated "UPS" socket on the PDU 16.
2. Connect the **Mains Input Cord** to the "MAINS" socket.
3. Connect the load devices to the **output sockets**.

### Rack Mounting:

- Use the provided rack mounting brackets for 19" enclosures.
- Adjust orientation to fit installation requirements.

### Operation:

- **Switch to Maintenance Bypass Mode:**
  - a. Ensure the **MAINS Indicator Lamp** is lit.
  - b. Turn the rotary switch to **MAINS**.
  - c. Power down the UPS for servicing.
- **Switch to UPS Mode:**
  - a. Reconnect and start the UPS.
  - b. Ensure the **UPS Indicator Lamp** is lit.
  - c. Turn the rotary switch to **UPS**.



## Warranty

The UPS Solutions UPS-MBP2 Bypass Panel includes a **12-month warranty**. The warranty covers defects in material and workmanship but excludes damage caused by misuse, improper installation, or unauthorized modifications.

### TECHNICAL DATA

Transfer Time (to and from maintenance bypass)	< 6 ms
Operating Ambient Temperature	0°C to +40°C (32°F to 104°F)
Storage Ambient Temperature	-20°C to +60°C (-4°F to 140°F)
Dimensions W x D x H: mm (in.)	88 x 77 x 394 (3.5 x 3.0 x 15.5)
Weight: kg (lbs)	4.5 (10)
Humidity	0 to 95% non-condensing
Agency/Standards	CE, EN 60950, ISTA Procedure 1A
Electrical Rating	See Model Label on MicroPDU

#### Customer Support:

- Access technical assistance and replacement services.
- Contact via phone (1300 555 992) or email ([service@upss.com.au](mailto:service@upss.com.au)).



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