

ENGLISH

SAFETY

Do not attempt to service this product yourself. Opening or removing the cover may expose you to dangerous voltages, even when the AC cord is disconnected from the electrical socket. Refer all servicing to qualified service personnel.

Keep this manual handy for future consultation. This manual contains important instructions that should be followed during installation and operation of the MBP. This product is designed for commercial / industrial use only, with UPS systems. It is not intended for use with life support and other critical devices. Do not exceed MBP, CABLES or UPS rating labels. Read all safety and operating instructions before operating the MBP and the connected UPS system. Adhere to all warnings on the unit and in this manual. Follow all operating and user instructions. Turn the UPS off and unplug the MBP before cleaning. Use a soft cloth only, never liquid or aerosol cleaners.

Do not modify the cables in any way. The MBP sockets should match the UPS sockets. The MBP must be earthed at all times while in use. Turn off the UPS before unplugging it.

The MBP comes with two special adaptor cables labelled yellow. They are to be used with the MBP only. Other uses are prohibited.

The UPS and MBP are equipped with earthed plugs (plug types vary depending on model). Do not impede the protection provided by this plug. If unable to fully insert the plug into the designated socket, contact a qualified electrician or your local dealer or representative for assistance. Route power supply cords so they are not walked on or pinched in any way.

This device receives power from multiple sources. Before servicing this device, remove all connections. Before servicing the UPS, follow "the UPS maintenance" instructions in the user manual for your UPS.

Input protection: Refer to your UPS manual

INTRODUCTION

The MBP provides maintenance bypass capability as well as power output distribution. The MBP can be used on UPSs in the rack mount (see figure 3) or wall mount configuration (see figure 4).

The MBP provides an isolated path of power for your UPS system for preventive maintenance or service.

PACKAGE CONTENTS (See figure 1)

SYSTEM DESCRIPTION

The MBP has two modes of operation: NORMAL (UPS available) and BYPASS (maintenance bypass). In NORMAL mode, the power is routed through the UPS system delivering conditioned power to the load, as shown in figure 5.

In BYPASS mode, the power is routed around (bypassing) the UPS system (see figure 6). Mains power is supplied directly to the load through the MBP.

NOTE: Battery backup and conditioned power are NOT available in the BYPASS mode. The UPS may be turned off and removed without affecting the load.

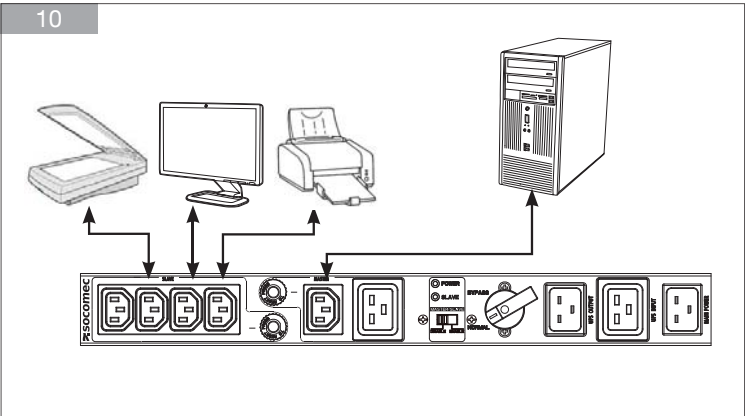
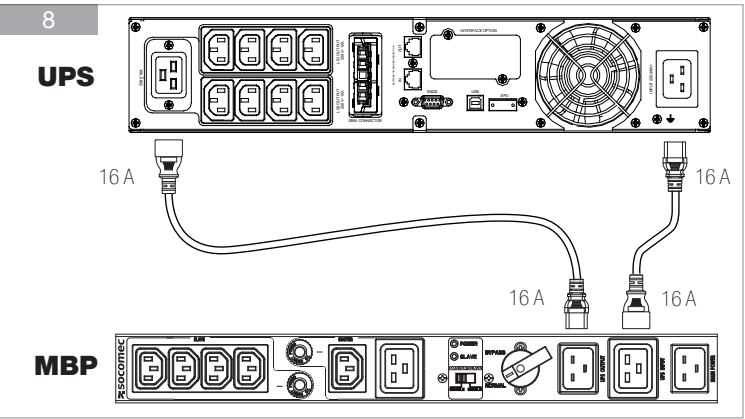
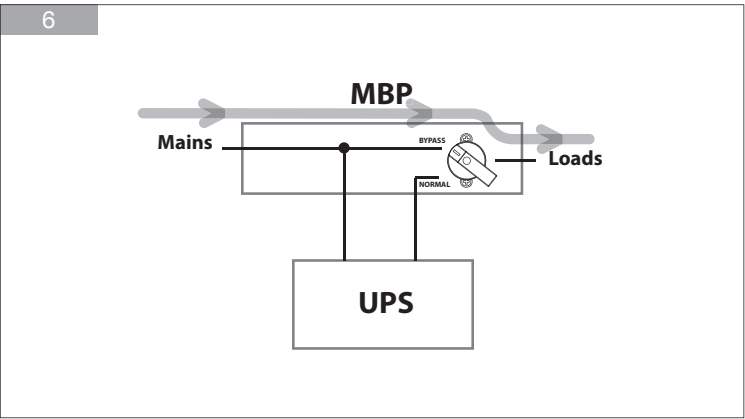
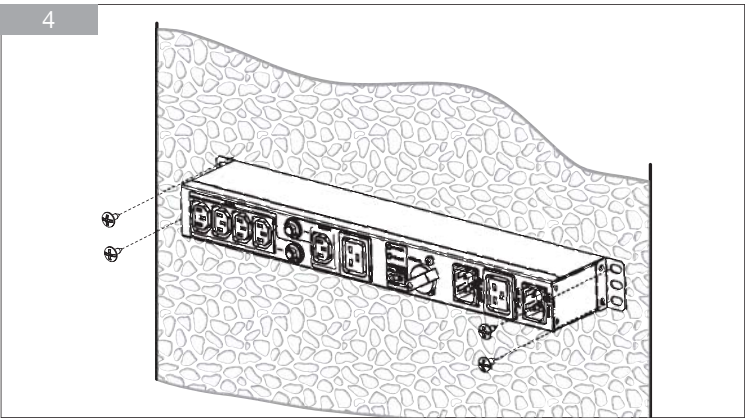
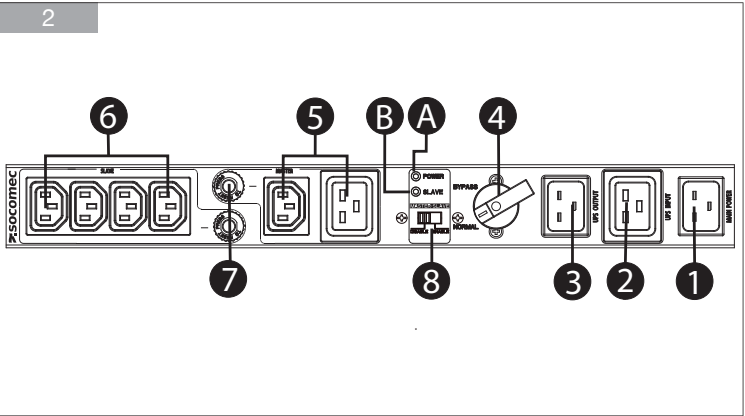
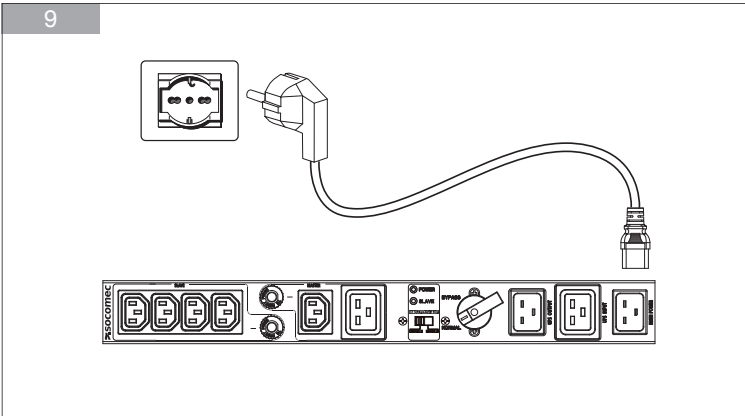
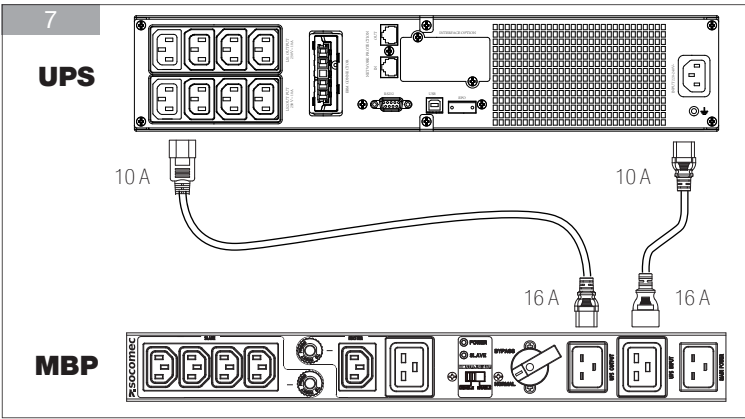
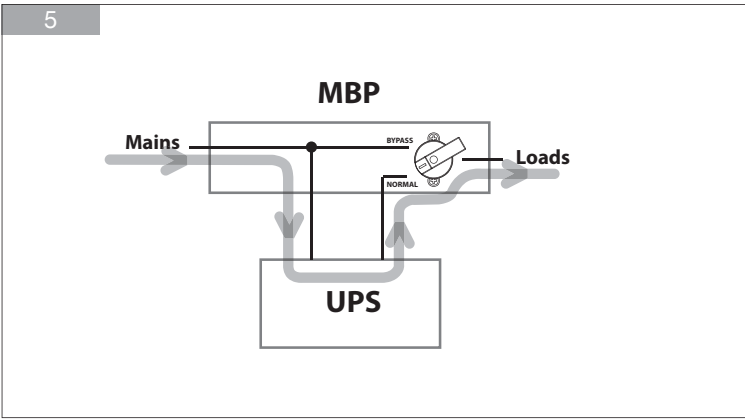
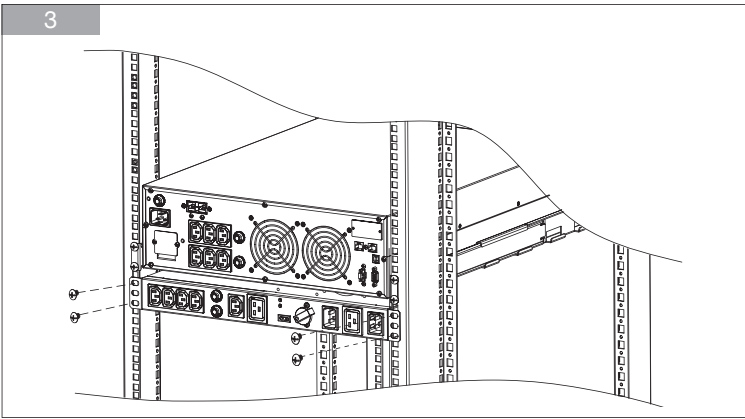
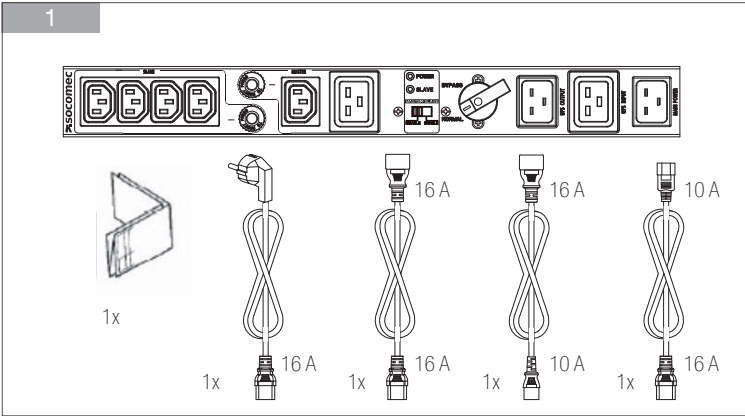
MBP Connection (see figure 2)

No.	ITEM	DESCRIPTION
1	MAIN POWER	Connect to main supply
2	UPS INPUT	Connect to UPS input socket
3	UPS OUTPUT	Connect to UPS output socket
4	BYPASS	Bypass switch
5	MASTER	Master load socket
6	SLAVE	Slave load socket
7	CIRCUIT BREAKER	Load protection (Thermal breaker)
8	MASTER/SLAVE	Master/slave enable function selector
A	POWER	Power LED, ON when Main or UPS is available
B	SLAVE	Slave LED, ON when slave output is supplied

MASTER SLAVE Function. (Default OFF) When the Master Slave function is enabled, it automatically disconnects the slave output if the load on master output is less than 20W. As an example, it is possible to connect a computer on master output and monitor, printer, scanner and other secondary load on the slave output (see figure 10). If the slave function is enabled (selector in Enable position, Figure 2 No. 8), when the computer is switched off all of the slave will be automatically disconnected by the MBP.

TECHNICAL DATA

Current rating	16 A
Voltage	208-240 VAC
Transfer time	< 4 ms
Operating temperature:	0 - 45 °C
Operating humidity	20-90 % RH (non-condensing)
Input connection	1 x IEC 16 A
Output connection	1 x IEC 16 A + 5 x IEC 10 A
Dimensions WxDxH (mm)	438 x 80 x 60
Weight (kg)	1.5
Standards	CE, EN 60950-1:2006 +A11:2009 + A1: 2010 + A12: 2011
IP protection	IP20



This document is not a specification. SOCOMEC reserves the right to make any changes to data without prior notice.

MBP

Hot swap Manual Bypass

- Installations- und bedienungsanleitung (DE)
- Manual de instalación y uso (ES)
- Manuel d'installation et d'utilisation (FR)
- Installation and operating manual (GB)
- Manuale di installazione e uso (IT)



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