PDU & Maintenance Bypass Switch Module

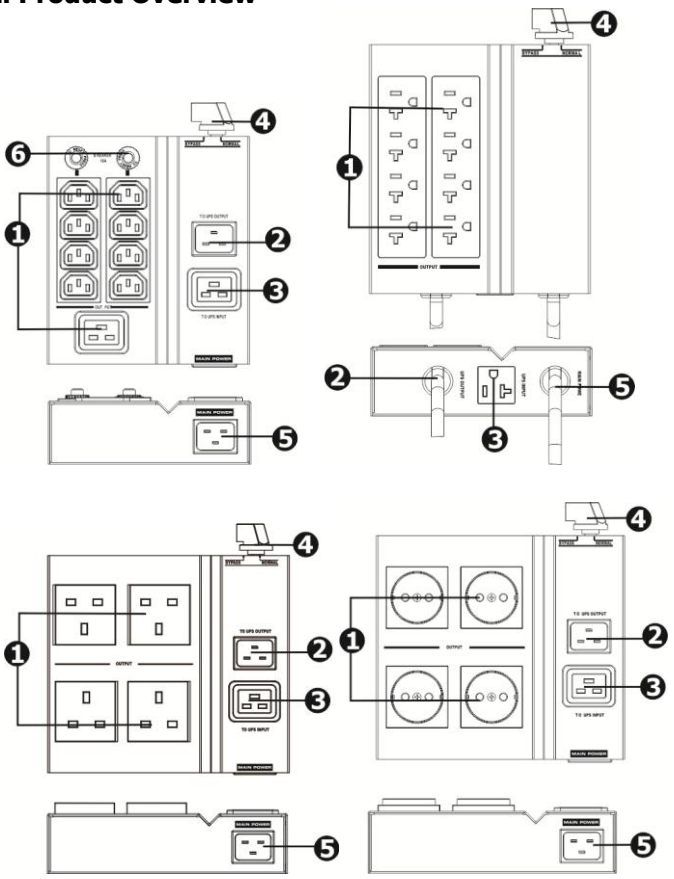
Quick Guide

V. 2.1

1. Introduction

The product is used as an external power distribution unit in conjunction with UPS systems or large-scale voltage regulators. It allows to manually transfer the connected equipment to utility power via a bypass switch, permitting scheduled maintenance or UPS replacement without power interruption.

2. Product Overview



❶Output receptacle
❷Socket to UPS output
❸Socket to UPS input
❹Bypass switch
❺AC input
❻Circuit breaker

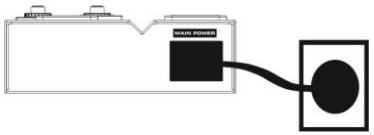
3. Installation and Operation

Inspection

Remove the unit from the shipping package and inspect it for damage that may occur during transportation. Notify the carrier and place of purchase if any damage is found. The shipping package contains:

- Maintenance bypass switch module x 1
- Quick guide x 1
- Mains power cord x 1

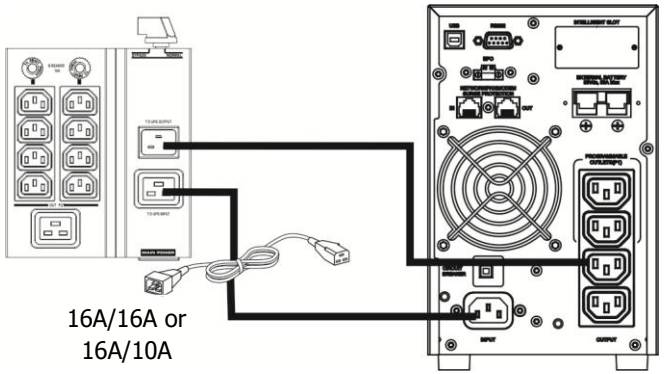
Connect to the Wall Outlet



Plug the input power cord of the unit to the wall outlet.

Connect UPS

Connect a power cord from UPS input to UPS input socket on the unit. Use one power cord to connect UPS output to UPS output socket on the unit.

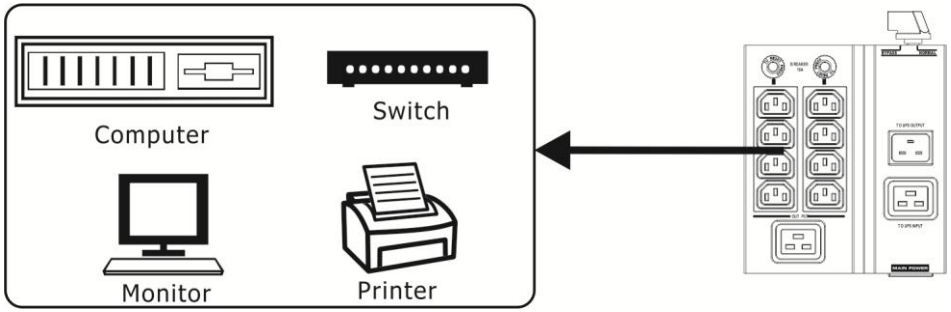


16A/16A or
16A/10A

Online UPS

Connect Equipment

Connect all equipment to output of the unit. Please refer to below chart for detailed equipment connection.



4. Operation

Transfer to Maintenance Bypass

Before transferring to maintenance bypass, make sure the utility is normal. Transfer the rotary bypass switch from "Normal" to "Bypass". At this time, all connected devices are powered by the utility power directly. You may turn off the UPS and disconnect two cables connecting to UPS. Then you may now service the UPS.

Transfer to UPS Protection

After maintenance service is done, make sure the UPS operation is normal. Then, reconnect UPS to the unit by following Installation Section. Then, transfer the rotary bypass switch from "Bypass" to "Normal". Now, all connected devices are protected by UPS.

5. Important Safety Warning (SAVE THESE INSTRUCTIONS)

To safely operate this unit, please read and follow all instructions carefully.
Read this manual thoroughly before attempting to unpack, install, or operate.
You may keep this quick guide for further reference.

CAUTION: The product must be used indoor only.
CAUTION: Do not place the unit near liquid or in an excessively damp environment.
CAUTION: Do not place the product directly in the sun or near a hot source.
CAUTION: Do not let liquid or foreign objects enter the product.
CAUTION: Ground the product using a 2P + ground sockets.
CAUTION: When installing the product, ensure that the sum of the leakage currents of the product and the devices it supplies not exceed 3.5mA.

6. Specifications

Current Rating		16A max. for 208/220/230/240 VAC 20A max. for 110/115/120/127 VAC
Voltage Rating		208/220/230/240 VAC or 110/115/120/127 VAC
Physical		
Dimension (DxWxH mm)	IEC	180 x 160 x 50
	Schuko	180 x 200 x 50
	UK	180 x 200 x 50
	NEMA	180 x 160 x 50
Net Weight (kgs)		1.3