

63A External Maintenance Bypass User Manual

Important Safety Warning

(SAVE THESE INSTRUCTIONS)



WARNING

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.

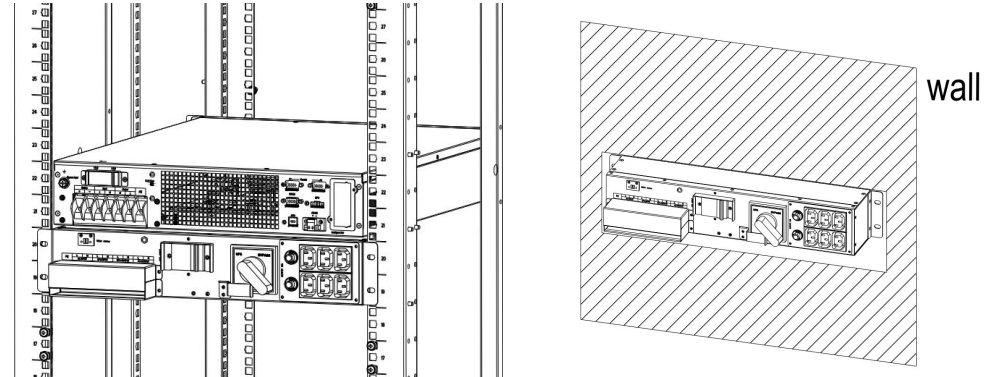
CAUTION: Please make sure the equipment is grounded.

1. Introduction

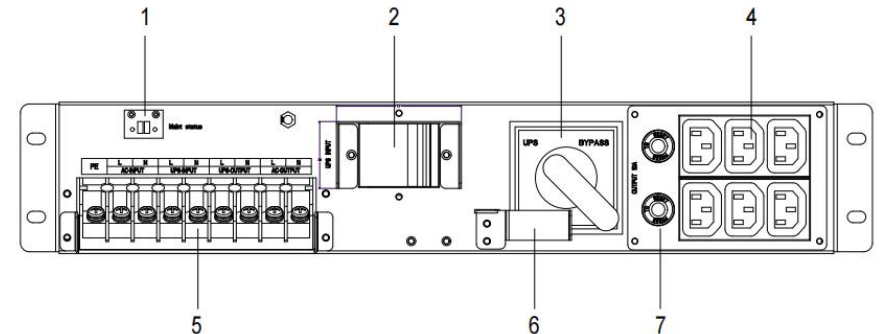
The product is used as an external power distribution unit for UPS systems or large-scale voltage regulators. It's used to replace UPS without interruption. It can be rack mounted in a 19" service rack cabinet.

1.1 Rack Mount/Wall installation

The module can be installed in a 19" service rack cabinet or on wall, shown as below:



2. Product Overview



- 1: Maintenance Status
- 2: Input Breaker
- 3: Maintenance Switch
- 4: Output IEC C13*6 Socket
- 5: Terminal
- 6: Metal Plate
- 7: Over Current Protection

3. Installation and Operation

3.1 Inspection

The shipping package contains:

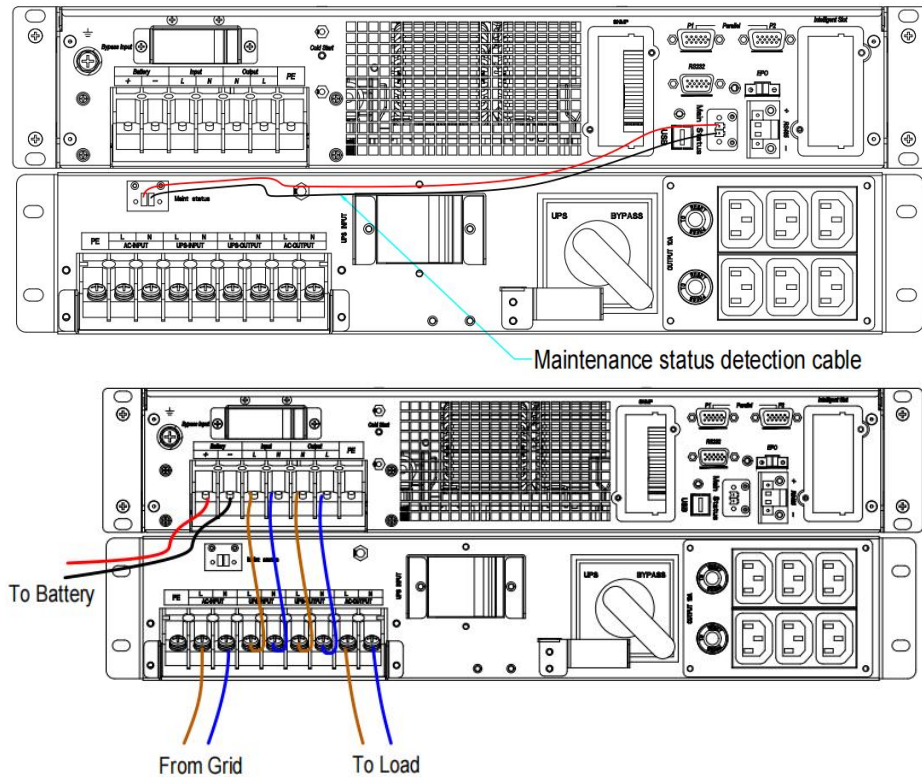
Maintenance bypass module x 1 Quick

guide x 1

mounting ears x 2

3.2 Connect with UPS

The cables connection with UPS is shown as below:



Please connect the cables as the above figure, and connect the status signal cable between UPS and the maintenance bypass if necessary.

Note: After removing the metal plate on the maintenance bypass switch, the status signal changes from “OPEN” to “CLOSED”.

4. Operation

“UPS” — load on UPS

“BYPASS” — load on maintenance bypass

4.1 How to transfer to Maintenance Bypass

1. Transfer the UPS to static/internal bypass mode;
2. Remove the metal plate, and then rotate the maintenance switch to the position “BYPASS”;
3. Cut off the input breaker;
4. Disconnect the battery string, and then remove the cables on UPS.

4.2 How to Re-transfer to inverter mode of UPS

After the maintenance service is done, confirm the UPS is normal and the cables are connected well, and then restart the UPS as below steps.

- (1) Close the input breaker, and the UPS would be powered, and then must ensure the UPS finally run in bypass/internal bypass;
- (2) Rotate the maintenance switch to the position “UPS”;
- (3) Re-install the metal plate;
- (4) Transfer UPS to inverter mode.

NOTICE: Before operating of the maintenance bypass switch, please make sure that UPS is in static bypass mode to protect the load from interruption.