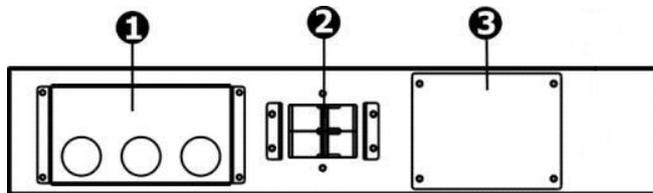


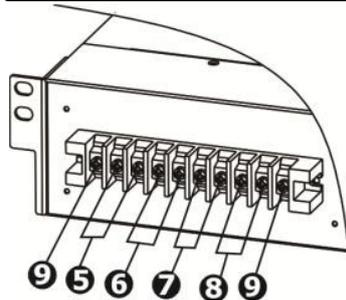
Quick start guide maintenance bypass 6/10kVA, Part.-No. HU10kVA-RACK

Product description

The maintenance bypass allows the UPS system to be maintained or the battery changed without switching off the connected consumers. It is the perfect addition to the XANTO 6000 and XANTO 10000 UPS systems from ONLINE USV-Systeme.



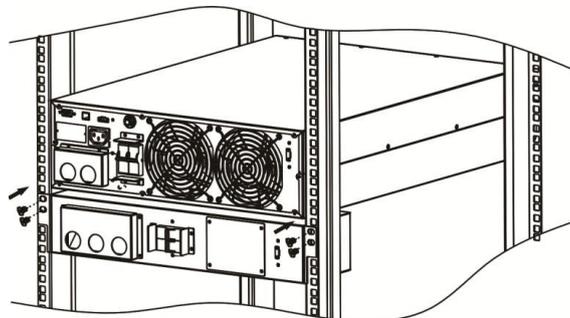
- ❶ Terminal strip for input, output and UPS connection
- ❷ UPS input switch
- ❸ Bypass switch



- ❺ Output, connection of load
- ❻ Connection of UPS output
- ❼ Connection of UPS input
- ❸ Input, connection of supply voltage
- ❹ Ground connection

Mechanical installation

The maintenance bypass is fitted to the back of a 19" rack as shown in the diagram below:



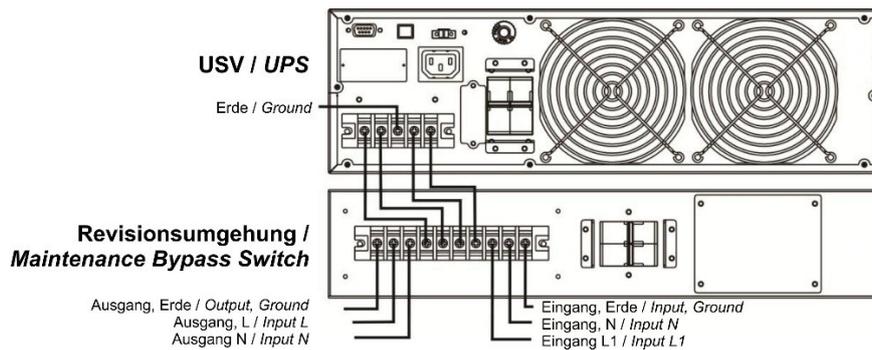
Electrical installation



CAUTION

- The UPS system carries life-threatening voltages. All repair and maintenance work must be carried out by customer service personnel.
- Comply with regional legislation and rules on connecting electrical devices.

1. Ensure that the supply lines and fuses are specified appropriately. A conductor cross section of 6mm² is recommended for XANTO 6000 or 10mm² for XANTO 10000.
2. Before installing the maintenance bypass, switch the supply voltage off.
3. Disconnect the UPS system from the supply voltage and switch it off too (see UPS manual).
4. Remove the cover of the terminal strip and connect the cables as shown in the diagram below.



Commissioning and operation

Proceed as follows to switch from UPS mode to bypass mode:

1. Switch the UPS system into internal bypass mode (see UPS manual).
In case of direct transfer without internal bypass, short circuit will apply!
2. Open the cover of the bypass switch on the maintenance bypass.
3. Turn the bypass switch to the “BPS” position.
4. Open the input switch on the maintenance bypass. The load is then fed directly from the supply network.
5. Switch the UPS system off fully. Open the input switch on the UPS system and the battery switch on the back of the battery pack.
6. The connection cables between the UPS system and the maintenance bypass can then be removed.
7. The UPS system is now free of current and available for maintenance purposes.

Once the maintenance work is complete, switch the UPS system back on as follows:

8. Connect the UPS system back to the maintenance bypass.
9. Close the battery switch on the back of the battery pack and switch on the input switch on the UPS system and the maintenance bypass. The UPS system switches to internal bypass mode.
10. Turn the bypass switch to the “UPS” position.
11. Close the cover of the bypass switch and terminal strip and switch the UPS system on (see UPS manual). This means safe power is now supply by the UPS system.

Specification

	Voltage	Current
Input switch	250V	63A
Bypass switch	690V	63A
Input / Output terminal	600V	60A

Compatibility list

The maintenance bypass is compatible with the following UPS models from ONLINE UPS systems AG:

XANTO series, model 2017, part.-no. X6000, X10000