



# 1 kVA COMPACT TRANSFORMER



## NOTE:

Assembly and operation of suspended scaffold must be performed or supervised by a trained and competent person. Read and fully understand these instructions before proceeding with assembly/installation. Inspect all parts to make sure they are functional and properly secured before every use. Make sure warning/rating labels are in place, legible and have been read.

## Instructions for Use:

1. Before using a transformer, it is important to calculate the voltage drop (see back of spec sheet for more info).
2. If already connected, disconnect the power cord from the outlet at the electrical source.
3. Find a suitable location to place the transformer. Transformer should always be placed near the power source, not on the platform.
4. Connect the male end of your power cord that is going to your hoists or other equipment to the female plug outlet end of the transformer and twist it to ensure it is securely connected.
5. Connect the male plug end of the transformer to the outlet and ensure it is securely connected.
6. Once all connections have been made, you can now test the hoists for recommended run voltage.

When consistent electrical power onsite is in short supply and getting the proper voltage to your hoists or other equipment is a challenge, Bee Access has the ideal solution. Our Compact 1kVA Transformer is specifically designed to easily raise the source voltage powering your hoists, ensuring optimal performance and reducing the risk of voltage-related issues. This transformer is housed in a compact, durable enclosure that is both lightweight and portable, featuring a convenient carrying handle. Ideal for use in environments where power supply is inconsistent, the Bee Access 1kVA Transformer ensures your equipment receives the necessary recommended voltage, allowing you to maintain productivity and avoid costly downtime.

## Design Features

- Designed to buck or boost 220V single phase power by 10%
- Powder-coated steel construction & high-quality electrical components
- Carrying handle included for easy transportation
- Meets applicable UL & CUL requirements

## DESCRIPTION

**Part No.:** TFBB-1K-10PCNT-20A

**Box Dimensions:** 5.5" X 5" x 9.25" (LxDxH)

**Weight:** 25 lb

**Cable Lengths:** Female 30", Male 65"

**Electrical Specs:** 1-Phase, 220V, 20A, 60Hz

**Rise Temp:** 275°F (135°C)

**Construction:** Powder-coated steel

**Accessories:** Optional boots for plugs available upon request

## SPECIFICATIONS

## ⚠️ WARNING

Be careful when handling energized electrical equipment. Inspect the transformer and power cords before each use to ensure there is no damage to the box, power cords, or connectors.



## **⚠ GENERAL WARNINGS & NOTES ⚠**

1. **Check the voltage at the power source** and use this information to determine the need for a transformer.
2. **Place the transformer as close as possible to the electrical power source. Do not place the transformer on the platform** with the hoists to avoid creating an unsafe electric condition and adding unwanted weight to the platform.
3. **Do not place the transformer in water**, or in a location where water could pool, to avoid creating an electrical hazard.
4. **Do not tamper with electric wiring connections** in the base of the transformer to avoid an electrical hazard and potential damage/destruction of the transformer. Report malfunctions or problems with the transformer to the supplier and discontinue use.
5. **Carry transformer by the handle and not by the attached power cords.** Use of the power cord to carry the transformer could damage the wiring and create an electrical hazard.
6. Based on the number of hoists in use, number of wire winders and any control box requirements, the total voltage and amperage needed is necessary information for a competent person to determine the need for a transformer.
7. The length of power cord, wire gauge size of power cord, and amperage/current consumption of equipment to be used will enable a competent person to calculate expected voltage drop during use of hoist motor(s). Visit BeeAccess.com for our voltage drop calculator to assist with this calculation. Scan QR code below for direct access to the calculator.



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Voltage Drop Calculator**

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