

## **FAQs**

### **Q1. What is a UPS?**

Ans. **Uninterruptible power supply** (UPS) is an electrical apparatus that provides emergency power to a load when the input power source or mains power fails

### **Q2. Why do you need a UPS?**

Ans. A UPS is typically used to protect hardware such as computers, data centers, telecommunication equipment or other electrical equipment where an unexpected power disruption could cause injuries, fatalities, serious business disruption or data loss.

### **Q3. What should be the site conditions to be ensured before installation of the UPS ?**

Ans. Site conditions to be considered before UPS installation

1.AC Input voltages between Line(L), Earth(E) and Neutral(N) should be as per industry specifications.

2.Voltages should be as follows Line to Neutral – 220 V, Line to Earth – 217 V, Earth to Neutral - <3 V

3.If earthing is not proper or voltages pertaining to earthing are not proper then separate earthing has to be created by digging pit and putting in coal, salt and then connecting Copper plate with Copper wire which will be used as earth point connected to socket. For this electrician needs to be contacted.

### **Q4. Any additional points which need to be implemented to ensure proper functioning of UPS**

Ans.1. UPS should be kept at a place where air circulation should be there and there should be sufficient gap on the backside of the UPS where fans are mounted to allow air flow and avoid UPS heating up.

2. On site all electrical leads should be kept above the floor clear of water and off wet ground

3. Maintain Air conditioner for efficient cooling to ensure normal UPS functioning.

4. Room where UPS is installed should have Proper lighting and rodent repellent to ensure UPS usability and protection.

**Q5. If there is any noise (like beep beep sounds) coming from UPS every few minutes is it a issue?**

**Ans.** Actually it is the alert signal that starts immediately when a power cut happens and the UPS begins to give you the desired backup, the beep continues to be more frequent as the time of backup comes to the end, so that you'll be able to save your work on PC and then shut it down.

**Q6 What all devices can be connected to the UPS?**

**Ans.** Only IT load designated for the UPS should be connected. Bulb, tube-light , Fans or any other device or equipment should not be connected at all as it may cause issues in the UPS which then will not be covered under warranty .