

# **SolarInnovate Energy Solutions**

# Cape Town Electricity Supply Board UPS Uninterruptible Power Supply





### **Overview**

What is an uninterruptible power supply (UPS) system?

An Uninterruptible Power Supply (UPS) system protects electronics and other vital equipment, infrastructure and machinery from unexpected power issues as well as provides short-term emergency backup power during disruptions to the mains electricity supply. HOW DOES A UPS WORK?

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What is a ups & how does it work?

WHAT IS A UPS?

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What is an industrial ups & how does it work?

An industrial UPS differs from an auxiliary or emergency power system or standby generator in that it will provide near-instantaneous protection from input power interruptions, by supplying energy stored in batteries.

How does a UPS system differ from other standby power systems?

A UPS system differs from other standby power systems by using energy stored in batteries or supercapacitors to maintain power to the electrical load during mains supply disruptions. The battery runtime of most UPS systems is relatively short, often just a few minutes.

How long does a dynamic uninterruptible power supply last?

The on-battery run-time of most uninterruptible power sources is relatively short (only a few minutes) but sufficient to start a standby power source or



properly shut down the protected equipment. Dynamic uninterruptible power supply (UPS) systems demand calibrations customised to your customer's power output and transient response requirement.

Who is UPS warehouse?

UPS Warehouse offers power protection products on a turnkey basis to a wide range of industries. We also offer full solutions to the residential and SME markets. Our management team has over 75 years of experience in the UPS industry with extensive knowledge and understanding of the power industry in South Africa



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