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Door Uninterruptible Power Supply

The Technical Solutions Door Uninterruptible Power Supply (DUPS) is designed for the Dorma ED200 or CD80 door actuators. Unlike simple backup power supplies, this system manages the energy supplied to the actuator. The result is a reliable system that will give over 50 open/close cycles, over several days, using your normal remote control, keypad and intercom system without mains power.

Status lights constantly show the status of the DUPS.

NORMAL OPERATION

The normal indication is a green lamp, which flickers approximately twice a minute. This shows that mains power is available. When a switch signal is received, a red lamp lights for the duration of the switch press.

[Hint: If the red light stays on, make sure a switch is not held on, or stuck under a pillow.]

In this mode, you can activate any switch, or keypad, and the door will change state – if it is open, it will close, and if closed, it will open. The door will remain in this position until the next switch operation.

[Hint: If the door is kept open for a long time, the motor may occasionally operate briefly to ensure the door remains fully open.]

POWER FAIL

If mains power is not available, the DUPS will flash a red lamp. The DUPS will supply power to the door in a power saving mode. In this situation, the DUPS will keep the accessories such as keypads, radio receivers and intercoms functioning.

When a switch signal is received, the DUPS will open the door, and hold it open for approximately 60 seconds. Towards the end of this period, a beeper will sound. After this time, the door will close, and the DUPS will enter its power saving mode – and be available for the next opening.

During a power fail situation, you cannot keep the door open indefinitely.

NOTE: If you are going away, and want to turn the door off, you must also turn off the switch on the DUPS, so no indicator lights are showing. Turning off the power point on its own will set the DUPS into power fail mode.

LOW BATTERY

If there is a problem with the battery or battery charge circuit, a low battery warning will be given. Both the Red and Green lamps will flash rapidly and the beeper will beep rapidly to indicate the low battery warning.