

Power Pack

Designed to convert mains supply to provide extra low voltage power.

Overview

Our power pack can deliver up to 60 amps of 24V DC power and is designed to provide the power requirements for an average home control, lighting and other 24V DC devices.

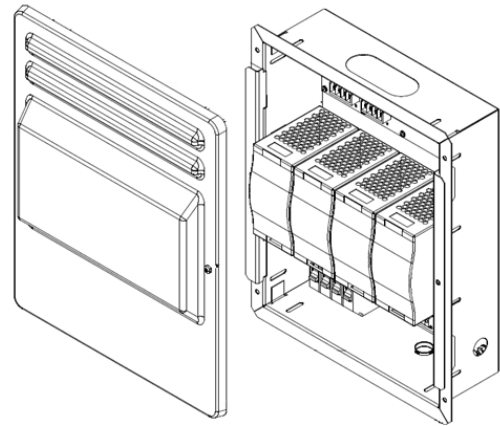
Features

- Wall recess mounted
- Individually fused power supply circuit protection with LED indication
- Industrial quality power supplies
- Short circuit protection
- Overload and over current (surge) protection
- Over temperature protection
- Quad-redundant supply to data cable
- Standby power capable

Functions

Our power pack is industrial quality with voltage and current control built in. It is arranged to run up to eight 24V DC power bus cables throughout the house feeding the lighting drivers and providing power for the data bus and smart devices.

The data bus and smart devices are fed from all power supplies to ensure that should a fault occur on one power bus the remainder of the system stays working. For the least amount of voltage drop centrally mount the power pack and run suitable sized conductors.



Technical specifications

Permissible ambient temperature	-25°C to +70°C
Input voltage	110 – 240V AC
Output voltage	24V DC
Output current	10 – 60 Amps
Efficiency	94%
Certifications	C-Tick, CB, CE, TUV, UL

SDR-240-24 power supply (up to 4 per power pack):

Output current	10 Amps
Wattage	240 Watts

SDR-480-24 power supply (up to 3 per power pack):

Output current	20 Amps
Wattage	480 Watts

Protections:

Short Circuit, Overload/Over Current, Over Voltage, Over Temperature.

Ata Touch 485 bus: 1.5A self-resetting fuse and quad redundancy.

Power bus: 10A blade fuse for each channel (replaceable to suit wiring configuration).