

# power supply units



## A range of high quality power supply units designed for all applications

TDSi provides a complete range of efficient, cost-effective power supply units housed in robust painted steel enclosures.

With outputs from 1 A to 5 A, these products can be used for all of your access control, CCTV or general-purpose needs.

All products feature fuse protected outputs and back-up battery charging facility giving you piece of mind that a continuous power source will always be available.

Whether you are looking for a product for powering a small stand-alone door controller and a single lock or a multi-door controller with locks, you will be able to select a supply that is exactly matched to your particular application.

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DS0043\_Issue 3

## SPECIFICATIONS

TDSi Part No.	2921-0280	2921-0281	2921-0282	2921-0283
Rated output	1 A	2 A	3 A	5 A
Input voltage	195 V AC ~ 255 V AC 50/60 Hz			
Output voltage	Fully stated load @ 13.8 V DC with rechargeable battery fitted			
Output regulation	5% maximum			
Output ripple	<5% of the nominal DC output voltage			
Backup battery type	12 V sealed lead acid 7 Ah			
Operating temperature	0 °C ~ 40 °C			
Operating humidity	10 % to 90 % RH			
Fuse blown indicator LED	-	battery (amber), output (red)		
Tamper switch	Integral			
Dimensions	255 x 225 x 85 mm			335 x 330 x 90 mm
Boxed weight	2.9 kg	3.1 kg	3.1 kg	4.8 kg

## FEATURES & BENEFITS

### High-quality linear regulator design

The high stability and low noise characteristics of our power supply units make them ideal for use in all applications.

### Robust enclosure

Each power supply unit is fitted in a rugged steel vented enclosure with a detachable hinged lid for easy access.

### Fault indication LEDs

To simplify fault diagnosis, all but the 1 A product are fitted with fault LEDs that indicate if the battery supply or output supply fuses have ruptured.

### Tamper switch

Provides an output that can be fed into your access control system to provide warning if the power supply enclosure has been opened enhancing security.

## ORDERING INFORMATION

### Part Number: 2921-0280

**Description:** Boxed 1 A power supply unit with back-up battery charging facility.

### 1 Part Number: 2921-0281

**Description:** Boxed 2 A power supply unit with back-up battery charging facility and fault LED indication.

### Part Number: 2921-0282

**Description:** Boxed 3 A power supply unit with back-up battery charging facility and fault LED indication.

### 2 Part Number: 2921-0283

**Description:** Boxed 5 A power supply unit with back-up battery charging facility and fault LED indication.

### 3 Part Number: 2921-0273

**Description:** 12 V 7 Ah sealed lead acid back-up battery.



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