

# OEM Solutions



## OEM and Customised Power Supply Applications

Although Dycon Power Solutions Ltd offers a wide range of different standard power options, we also offer a bespoke service that caters for your own specific needs and requirements. This can be as simple as a customised housing to suit a particular product; a ready-assembled, complete unit incorporating your own products, wired, tested, packed and delivered direct to your premises or site, or a power supply PCB designed to meet your exact requirements. Being local, we can react far quicker than others who are based thousands of miles away and who operate in different time zones, reducing your ability to discuss issues and iron out any problems. Our design and production teams are always on-call to help you and, being based in Wales and the West, are local enough for you to sit with them and work together on your project.

Already, many customers, both UK-based and International, use this Dycon service to develop new concepts in delivering reliable power to enhance their own security, fire, communications and BMS offerings. We are always available to offer advice to help your company develop similar profitable solutions for your business.

## Services

### Pre-assembly

Why waste your installers' on-site time drilling and screwing devices together? Subject to a minimum order quantity, free-issue us with your own controllers or any other device, we will fit them into an agreed housing, wire and connect them to a suitable Dycon power supply, screen print your logo (if required), pack the completed item and arrange delivery to site or your stores facility. No need to worry about ensuring that all the components get to site at the same time!

### Customised Power Solutions

Although Dycon offers a wide range of voltage and current options, sometimes one of your projects may require something different. No problem! Our designers will work with you to design something that both meets your special requirements and incorporates all the latest advanced Dycon technology that improves performance and reliability. We can offer this service across all voltages, including 110Vac and 230Vac, current requirements from 0.5 Amps to 20 Amps, and a wide range of PoE Mid-Span options.

### Customised Housings

Although Dycon offers 3 sizes of standard mild-steel housings, customers often have the need for something different. Our metal-working partners have the ability to produce whatever you need, just ask! If its plastics that you require, our on-site plastics facility has operational press capacity from 35 tons to 130 tons and can work with your engineers to ensure the right tooling is designed, no longer need you wait several weeks for critical plastic components to be reach you.



**DYCON**  
power solutions

[www.dyconpower.com](http://www.dyconpower.com)

## OEM and Customised Power Supply Examples



- Specialist Access Control Solution**
- 1 x 5A switched-mode PSU on a DIN-rail cradle (the PSU can be swapped for a 1A version)
  - 1 x 8-way output splitter on a DIN-rail cradle
  - 1 X Din-rail section, the door controller is fitted to this
  - 1 x 12-way Din-connector block and 2 x end caps
  - 2 x Sections of feather trunking, for a neater installation



- Specialist BMS solution**
- 1 X 10A switched-mode PSU
  - 1 x 8-way output splitter connected to 1 x Fire relay (to release doors)
  - 1 X 5A switched-mode PSU with battery back-up

- Specialist Access Control Solution**
- 1 x 3A switched-mode PSU, mounted on back plate
  - 1 x 8-way output splitter, mounted on back plate
  - 1 X Din-rail section, the door controller is fitted to this
  - 2 x Sections feather trunking, for a neater installation
  - 1 x Back and lid tamper switch



**Dycon Power Solutions Ltd**  
Unit A, Cwm Cynon Business Park, Mountain Ash, CF45 4ER, United Kingdom.

**For more information about the Dycon range of power products:**  
[www.dyconpower.com](http://www.dyconpower.com)

**Or to discuss your specific needs:**  
+44 (0)1443 471 900

Dycon leads the security and associated power supply markets, with UK design and manufacture of advanced power products; engineered to provide high quality, cost-effective solutions to meet current regulations and the specific needs of system integrators and end-users.

Designed and manufactured in the UK