D1558-E-PoE$^+$-01
from
Dycon Power Solutions

A new way to resiliently power PoE$^+$ systems

Why do I need one?

- If you use PoE$^+$ to drive CCTV camera, access control devices, or any other PoE$^+$ devices, how do you ensure that they work when mains power is lost?

- The problem is that PoE$^+$ is 48VDC and that requires a lot of batteries!

- Do you already use 12VDC batteries to back-up other systems?

- The Dycon D1558-E- PoE$^+$-01 lets you use the same type of 12DC VRLA batteries to fully maintain a working 48VDC PoE$^+$ system

- How? Read on……………

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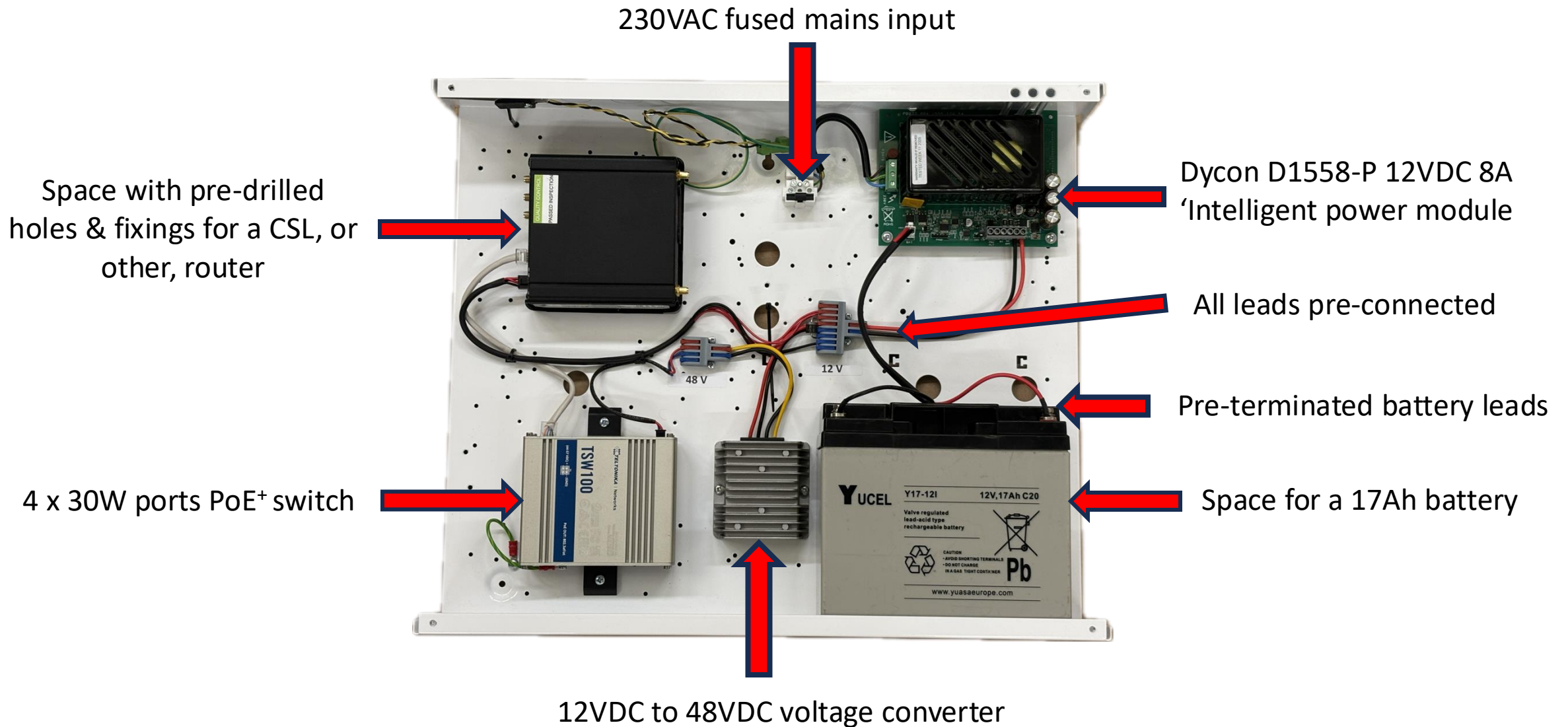
- How?

What is a Dycon D1558-E-PoE$^+$-01?

- It is a powerful & 'intelligent' Dycon D1558-P 12VDC 8A power module fitted into a tough E-box steel housing, then Dycon turns it into a powerful 4-port PoE$^+$ communication system

- The power module intelligently charges a 12VDC 17Ah battery, keeping at optimum level ready to take over the system at any time

- The system takes the 12VDC output and converts it to 48VDC

- 48VDC is then fed to an integral 5 x ETH Port switch providing 4 x PoE$^+$ inputs for you to connect PoE $^+$ CCTV cameras or other devices

What is the Dycon D1558-E-PoE⁺-01?

- The switch can then be connected directly to a 5-G internet router which transmits the data from the inputs to a remote location

- The unit is provided with suitable fixings, connectors & cables for the quick installation of a CSL 4G router, other routers can be accommodated, just contact Dycon

- The unit is supplied ready-fitted and wired, except for the 5-G router & the battery, where cables, connectors and screw holes are provided

Features of the Dycon D1558-E-PoE$^+$-01

230VAC fused mains input

Space with pre-drilled holes & fixings for a CSL, or other, router

Dycon D1558-P 12VDC 8A 'Intelligent power module

All leads pre-connected

Pre-terminated battery leads

4 x 30W ports PoE$^+$ switch

Space for a 17Ah battery

12VDC to 48VDC voltage converter

What's in the carton?

- A Dycon steel E-box housing with a removeable, screwed lid
    - Standard finish is powder-coated, heat-treated, white (RAL9003) paint
    - A scratch-resistant black finish (RAL9005) paint is also available

- A Dycon D1558-P 12VDC 8A intelligent power module

- A Dycon 12VDC to 48VDC voltage converter

- A Dycon 5 x ETH port ethernet PoE$^+$ switch

- All the above units are fixed, cabled & connected

What's in the carton?

- 230VAC Mains power input
  - A fused mains block is fitted and connected to the power module

- Space, pre-drilled holes, cables & connectors ready for :-
  - A CSL 4G internet router
    - Connectors & fixings can be provided for other routers

What is not supplied?

- A 4G router & SIM card
  - Space, pre-drilled holes & cables are provided for connection of :-
  - A CSL 4G internet router
    - Connectors & fixings can be provided for other 5G routers

- 230VAC mains
  - A fused mains block is provided & connected to the power module

Easy Fit!

- Just screw the E-box to the wall, it only needs 4 screws
- Connect the mains power block but **DO NOT** plug the fuse in yet!
- Connect your CCTV cameras or other PoE$^+$ devices into the switch
- Screw the 4G router into the tapped holes & connect to the switch and power using the cables already provided, & plug in the SIM card
- Connect the battery
- **NOW** plug the fuse into main block
- **Finally commission the system, job done!**

- D1558-E-PoE$^+$-01
- The professional's way to install tomorrow's CCTV equipment & access control systems, today.

Dycon Power Solutions Ltd

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Designed and manufactured in the UK