

# Dycon Housings



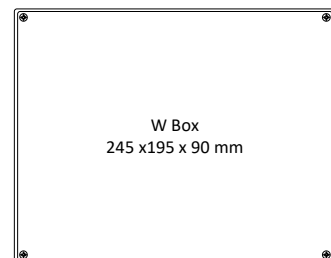
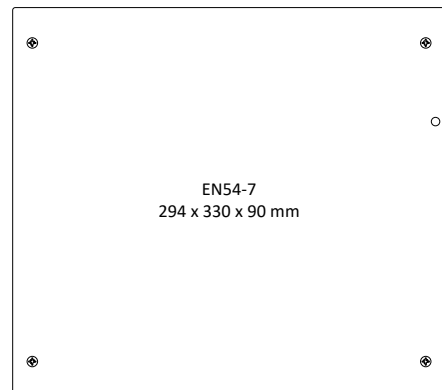
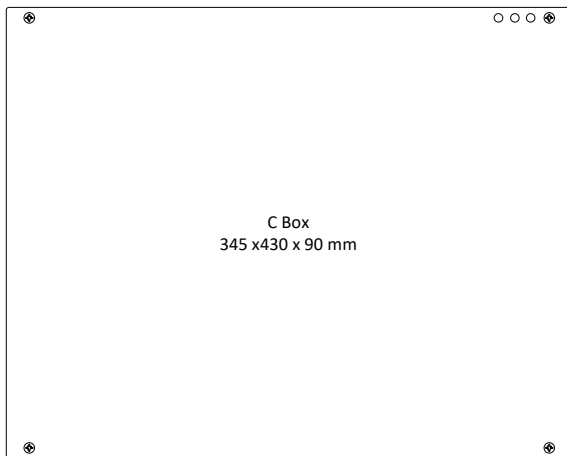
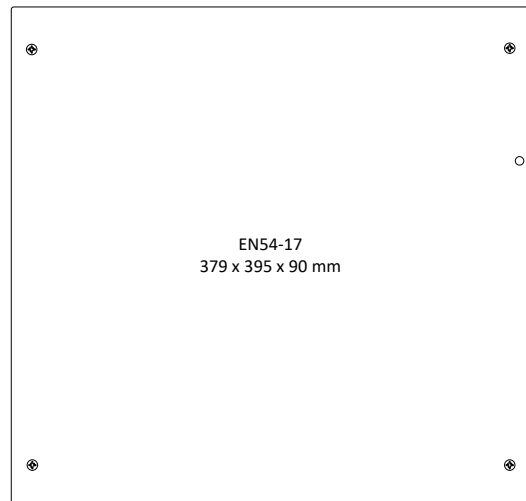
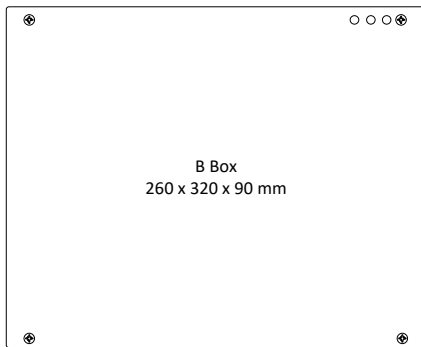
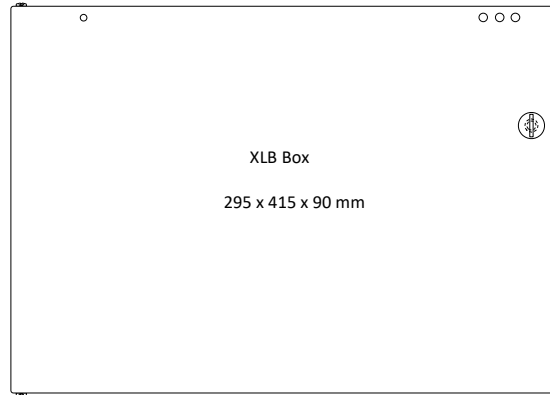
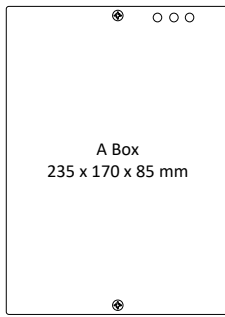
A Complete Range of Steel and ABS Housings for Dycon Power Supply Modules, Peripherals & 3<sup>rd</sup> Party Products



- 8 x Steel versions
- 1 x IP65 and 2 x IP66 weather-proof ABS variants
- 2U 19" rack versions
- Optional front & back anti-tamper kits
- Screw or keylock lid fastening versions
- White or black paint options

Dycon Power Solutions works extensively with professional security/fire system installers and integrators to ensure that they have the right tools to deliver practical, workable, power solutions that enable their installations to be easily installed and operate reliably. Unlike many other suppliers who provide just one or two plain metal boxes, Dycon believes that the housing is an integral part of making an installation quicker and less prone to failure and has developed a range of different options to help an installer choose the right combination. Part of this thinking is ensuring, right at the start, that the power supply chosen has the right dimensions for the job, that it can fit the available wall space, that it will allow easy cable terminations, and also, have sufficient space to fit any requisite batteries. Coupled to this is the question of reliable front and/or back anti-tamper provision, the method of securing the cover/lid and, increasingly, the colour of the box. The Dycon comprehensive Housing Range offers solutions to all these issues and complements the extensive range of Dycon power modules.

# Dycon Housing Range Sizes



# Dycon Housings Range Construction Details

## Dycon ProFix XLB - Steel Construction



*Optional black XLB box with the door & sides removed for easy fixing and cabling*

*Optional black XLB box with the door & sides replaced & equipment installed*

- Pre-drilled and tapped base plate to allow rapid fixing or change-over of most Dycon Power Modules
- Removable side panels and door for easier installation of cables.
- The door is hinged and secured by a key-lock.
- Knock-outs are provided on all sides to make cabling simple.
- A 90 x 90mm knock-out allows the unit to be fitted over a standard 13Amp socket.
- Provision is made on the back plate for the provision of standard 165mm NS35/7.5 'Top-Hat' DIN-Rails.
- A knock-out is provided at the top to allow for a standard GSM antenna to be fitted and connected to secure signalling devices.
- ProFix XLB housings are supplied as standard in a white, powder-coated, spray paint finish, heat-treated to provide a durable, wipe-clean surface.
- A scratch-resistant black paint finish is available as an option.
- Custom paint colours can be accommodated only if that colour is available in the type of paint used by our manufacturing process and providing a minimum quantity is ordered. Please contact Dycon for further information and prices.
- Anti-tamper, lid-opening switches are supplied as standard on most Dycon power supply modules and can be supplied as an optional extra on many of the others, as can switches to detect removal-from-the-wall.

## Standard - Steel Construction



- 3 x standard **A, B & C** sizes, 2 x extra-large **E & G** sizes and two special versions, **EN-M7 and EN-L17**, that can be used both for EN54-compliant fire systems or for normal power supply applications.
- On all versions, once the lid is removed, the sides are open to allow easy cabling.
- Anti-tamper, lid-opening switches are supplied as standard on most Dycon power supply modules and can be supplied as an optional extra on many of the others, as can switches to detect removal-from-the-wall.
- The standard lid fixings are chrome-plated, self-tapping screws but other options may be requested.
- Versions are available with standard 165mm NS35/7.5 'Top-Hat' DIN-Rails already fitted.

- Standard finish is a white, powder-coated, spray paint, heat-treated to provide a durable, wipe-clean surface.
- Black, scratch-resistant paint is an option on the **B-box** and **C-box**.
- Custom paint colours can be accommodated only if that colour is available in the type of paint used by our manufacturing process and providing a minimum quantity is ordered. Please contact Dycon for further information and prices.

### W-Box, IP65 Climate/Thermo-Resistant ABS Construction



*W-Box fitted with a D1555 12VDC 5A power supply and a 7Ah battery*



*W-Box fitted with NS35/7.5 DIN-Rail and a DR-60-12 powers supply*

- IP65-protected from total dust ingress and protected from low pressure water jets from any direction.
- Supplied with two external fixing brackets to enable it to be fitted horizontally or vertically without the need to drill the box.
- Two IP65 cable glands are supplied with each unit.
- To reduce installer time on-site, a pre-drilled internal base plate, designed to fit most Dycon PSU modules, is fitted as standard in all W-Boxes.
- This base plate is also pre-drilled to enable a standard 165mm NS35/7.5 'Top-Hat' DIN-Rail to be fitted.
- Units with battery charging capability are fitted with a unique automatic pressure valve that maintains the climate proofing but regulates the internal pressure allowing it to safely vent any gases created during charging.
- Anti-tamper, lid-opening switches are standard on most of the Dycon power supply modules supplied with the W-Boxes.

### IP66 Weather/Thermo-Resistant ABS Construction

- IP66-protected from total dust ingress and protected from high pressure water jets from any direction.



# Dycon Housing Range

Type	Material	Width	Height	Depth	Weight (without power modules or batteries)	Colour
<b>Standard Steel Housings</b>						
<b>A-Box</b>	Steel	235 mm	170mm	85 mm	1.10 kg	White RAL9003
<b>B-Box</b>	Steel	260mm	320mm	90 mm	1.90 kg	White RAL9003 §
<b>C-Box</b>	Steel	345 mm	430mm	90 mm	3.30 kg	White RAL9003 §
<b>ProFix - XLB</b>	Steel	295mm	415mm	90mm	2.20kg	White RAL9003 §
<b>E-Box</b>	Steel	405 mm	500 mm	90mm	5.80 kg	White RAL9003
<b>G-Box</b>	Steel	455 mm	690mm	120 mm	8.50 kg	White RAL9003
<b>EN-M7 *</b>	Steel	294mm	330mm	90mm	2.50 kg	White RAL9003
<b>EN-L17 *</b>	Steel	379mm	395mm	90mm	3.50 kg	White RAL9003
<b>19" Rack and Mountings</b>						
<b>2U size</b>	Steel	432mm	86mm	203mm		Black RAL9005
<b>ABS Plastic Climate-Resistant Housing</b>						
<b>IP65</b>	ABS	245 mm	195 mm	90 mm	0.47 kg	Light Grey RAL7035
<b>IP66-Small</b>	ABS	180 mm	182mm	90 mm	0.43 kg	Light Grey RAL7035
<b>IP66 -Large</b>	ABS	254mm	295 mm	90 mm	0.55 kg	Light Grey RAL7035

Key: § = Black optional; \* = EN54-4 compliant

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### For more information about the Dycon products:

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### 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.

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