

Electric Vehicle Charging Supply Pillars

Empowering EV with pre-wired solutions

Meet the increasing demand for accessible EV charging points with power distribution solutions that connect DNO supply with charging outlets.

Our adaptive and reliable supply solutions consider the charge speeds and times each EV charge point is capable of, from fast to super, to ensure you receive the most suitable and compatible option. Available in four sizes Lucy Zodion's EV Charging supply pillars can power up to 54 fast, 12 rapid and 2 ultra-rapid (super) charge points.

(Additional components can be integrated as optional extras, which need to be specified upon enquiry)



Specifications

The Electric Vehicle Charging Supply Pillar range has features that make it:

Flexible

- Pen devices can be installed
- Earthing configurations available (TT & TN-C-S)
- Detachable roof and removable lifting eyes on pillar body.

Adaptive

- Modular distribution section to cater for different charge point installations
- Available in Stainless steel, mild steel and GRP options
- Futureproof design – can be built with space for forward project planning

Reliable

- IET Wiring Regulations/ IET code of practice for electric charging: BS7671, IEC60364
- Designed and manufactured in accordance with quality management system ISO9001
- Stainless steel: BS EN 10088-1
- Mild Steel – Galvanised: BS EN ISO 1461
- IP65 rating (door seal)
- Surge protection devices can be fitted upon request
- Touch safe internal enclosures(Class II)
- Long life solid stainless-steel hinge blocks.
- Three vandal resistant fully flush hinges per door.
- Two Lucy wedge locks fitted as standard.

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Optional extras

- Type 1 SPD
- Type 2 SPD
- Combination of Type 1 & Type 2 SPD
- Lucy Wedgelocks (fitted as standard)
- Hasp & Staple lock
- Yalelock lock
- 3 Point Barlock

Construction Options

Stainless steel

- (304) 304 grade stainless steel grit finish
- (30P) 304 grade painted finish
- (31L) 316 grade grit finish
- (31P) 316 grade painted finish

Material thickness

- 2.5mm (thickness)

Mild steel

- Hot dip galvanised
- Hot dip galvanised & painted

Material thickness

- 3mm

Paint finish colours

- RAL or BS Colour

GRP*

Material thickness

18mm WBP ply core

*IP55 Rating

Configuration Table

Model	FORTRESS SIZE 14	FORTRESS SIZE 24	FORTRESS SIZE 30	FORTRESS SIZE 30
Part No	DRG PWP 1900905-GA-1	DRG PWP 1900905-GA-2	DRG PWP 1900905-GA-3	DRG PWP 1900905-GA-4
Description	100A 3PH AC SUPPLY	200A 3PH AC SUPPLY	400A 3PH AC SUPPLY	600A 3PH AC SUPPLY
DNO & Private supply options	✓	✓	✓	✓
Fast				
7.4kW (32A SPN)	✓	✓	✓	✓
Max no. of charge points per pillar	9	18	36	54
22kW (32A TPN)	✓	✓	✓	✓
Max no. of charge points per pillar	4	6	12	18
Rapid				
43kW (63A TPN)	✓	✓	✓	✓
Max no. of charge points per pillar	2	4	8	12
50kW (80A TPN)	✓	✓	✓	✓
Max no. of charge points per pillar	1	3	5	8
Super				
120kW (250A TPN)	N/A	N/A	✓	✓
Max no. of charge points per pillar	N/A	N/A	1	2
*Combinations available	✓	✓	✓	✓

Dimensions

Model	FORTRESS SIZE 14	FORTRESS SIZE 24	FORTRESS SIZE 30	FORTRESS SIZE 30
Description	100A 3PH AC SUPPLY	200A 3PH AC SUPPLY	400A 3PH AC SUPPLY	600A 3PH AC SUPPLY
Height	1300	1600	1600	1600
Width	1250	1500	2250	2250
Depth	450	450	450	450
Weight	200KG	260KG	380KG	380KG

Please contact our sales office for further details

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