

EV Supply Solutions

Images are for illustration purposes only

EVIS Pillar Range

Providing the electrical distribution solution between the electrical supply and the EV Charge Point

Overview:

The 400 Amp supply pillar is available in four different configurations. These pillars cover 22kW supplies through to 120/150kW, with a differing number of connections on each solution.

Features:

- Accommodates up to 12 EV charge points
- Caters for charge point rating of 22kW (Fast) – 120/150kW (Ultra-Rapid)
- Once installed, modular distribution configuration aids easy upgrades to meet future demand requirements (subject to load balancing being installed on CP's)
- Anti-condensation heater as standard
- PEN Fault Detection Technology used on PME Solutions

Specification

Pillar Type					
EVIS Size 32 / EVIS Size 36 – see order codes					
Part number	EV4001222GT / EV4001222GE	EV4001222LT / EV4001222LE	EV4008043LT / EV4008043LE	EV4005050LT / EV4005050LE	EV4002120LT / EV4002120LE
Rating	22 KW (40A TPN)	22 KW (40A TPN)	43 KW (63A TPN)	50 KW (80A TPN)	120/150 KW (250A TPN)
Charge Points	12	12	8*	5*	2*
Earth Leakage Type	Type A				

Internals						
Earthing	TT / PME - see order codes					
Internal Enclosures	Non-Conductive Class II					
Heater	Anti-condensation (pre-set to 5o°C)					
Protection	MCCB main incomer					
Earth Leakage	30mA	300mA	300mA	300mA	300mA	300mA

EV Supply Solutions: 400 Amp (PRIVATE)

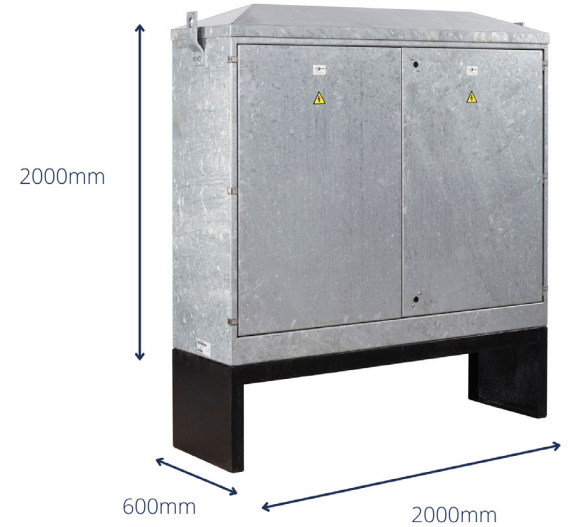
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Specification

External	
Enclosure	Mild Steel
Lock Type	Barlock (3 point)
Compliance and approvals	
IET Wiring Regulations	BS7671
IET code of practice for electric charging	BS7671
Mild Steel - Galvanised	BS EN ISO 1461

Dimensions and Construction:		
Pillar Size	Size 32	Size 36
Height (mm)	2000	2000
Width (mm)	1500	2000
Depth (mm)	600	600
Weight (KG)	500 (estimated)	600 (estimated)
Mild Steel	Hot Dipped Galvanised 3mm	
Doors	2 (Double)	

Size 36



Order Codes (TT)

Order code	Description	Earthing	Charge Point Rating	Residual Protection	No. of charge points	Pillar Size
EV400P1222GT	3-Phase AC Supply: 400 Amp	TT	22 KW (40A TPN)	30mA	12	36
EV400P1222LT	3-Phase AC Supply: 400 Amp	TT	22 KW (40A TPN)	300mA	12	36
EV400P8043LT	3-Phase AC Supply: 400 Amp	TT	43 KW (63A TPN)	300mA	8*	32
EV400P5050LT	3-Phase AC Supply: 400 Amp	TT	50 KW (80A TPN)	300mA	5*	32
EV400P2120LT	3-Phase AC Supply: 400 Amp	TT	120 KW (250A TPN)	300mA	2*	32

*Charge Points shall be required to have load management software installed

Order Codes (PME)

Order code	Description	Earthing	Charge Point Rating	Residual Protection	No. of charge points	Pillar Size
EV400P1222GE	3-Phase AC Supply: 400 Amp	PME	22 KW (40A TPN)	30mA	12	36
EV400P1222LE	3-Phase AC Supply: 400 Amp	PME	22 KW (40A TPN)	300mA	12	36
EV400P8043LE	3-Phase AC Supply: 400 Amp	PME	43 KW (63A TPN)	300mA	8*	36
EV400P5050LE	3-Phase AC Supply: 400 Amp	PME	50 KW (80A TPN)	300mA	5*	36
EV400P2120LE	3-Phase AC Supply: 400 Amp	PME	120 KW (250A TPN)	300mA	2*	36

*Charge Points shall be required to have load management software installed

Please note: EV pillars will have different lead times- contact Customer Services.



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