



www.emiter.co.uk

Enclosures, control panels & distribution boards



UK Distributor of all Emitter Metal & GRP Products



GRP Enclosures, Cabinets and Meter Boxes

- Industrial Strength
- Indoor / Outdoor
- Modular Flat Pack Design



Can be padlocked



Triangle utility lock in handle



Secure top & bottom latching



Easy equipment installation



Grp (not wood) mounting plate

Ideal For:

- Solar PV Control Panels
- Inverter and Battery Protection
- Distribution Boards
- Metering
- Busbar Chambers

PROVEN PROTECTION AGAINST CORROSION
FROM DAILY CHANGES IN HUMIDITY & TEMPERATURE



GRP ENCLOSURE SIZES

200mm Depth Cabinets

Widths: 260mm, 400mm, 530mm, 660mm, 800mm, 930mm, 1060mm.

Heights: 400mm, 500mm, 600mm, 800mm.

245mm Depth Cabinets

Widths: 260mm, 400mm, 660mm, 800mm, 1060mm.

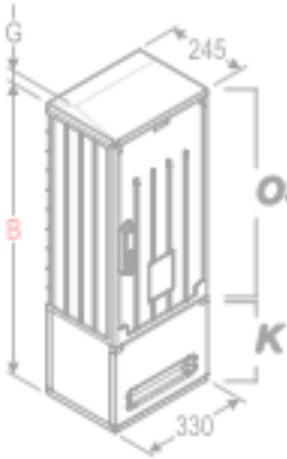
Heights: 400mm, 500mm, 600mm, 800mm.

320mm Depth Cabinets

Widths: 400mm, 530mm, 660mm, 800mm, 1060mm

Heights: 600mm, 800mm,

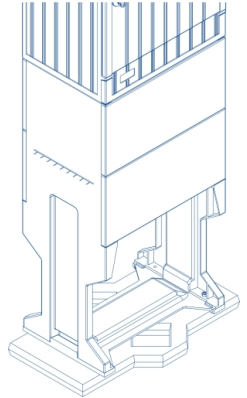
PEDESTALS & CABLE BASES



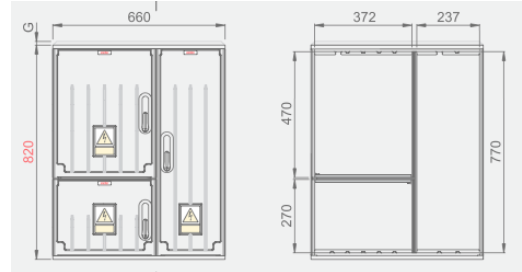
increase height



In ground placement

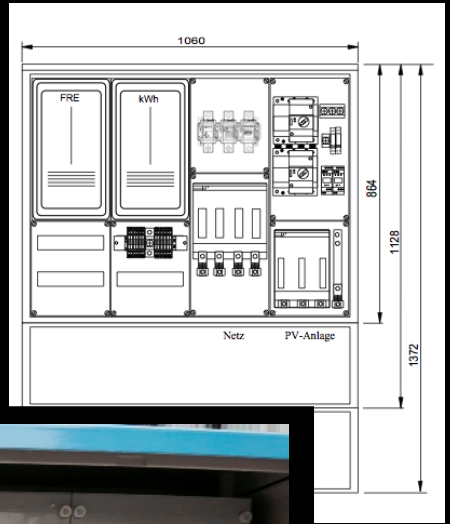


LOCKABLE PARTITIONS

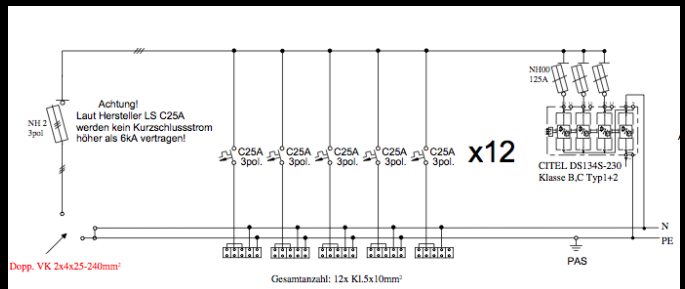


PHOTOVOLTAIC

PV Meter cabinets from 10 to 200 KW



Designed to
your
specifications





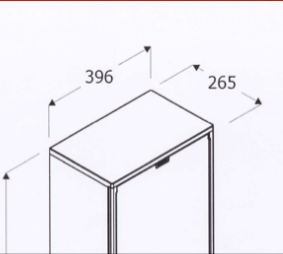
JOB SITES & EVENT TEMPORARY DISTRIBUTION

- **STRONG**
- **SECURE**
- **PADLOCK OR TRIANGLE**

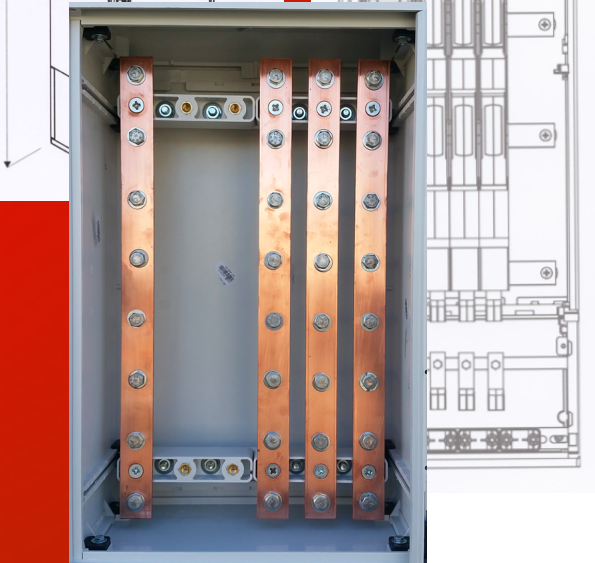


FLOOR OR WALL MOUNT

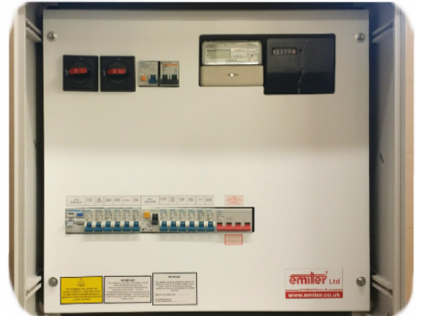
EQUIPMENT MOUNTING



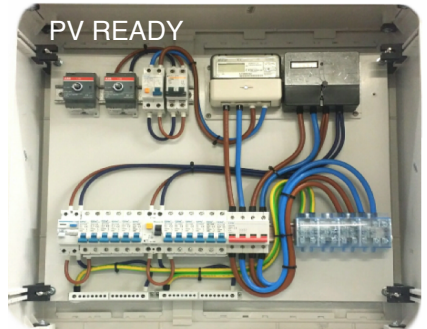
BUSBAR CHAMBERS



HOME DISTRIBUTION



CONSUMER VIEW



TECHNICIAN VIEW



Metal Enclosures, Cabinets and Meter Boxes



Many Sizes, Styles and Materials

- Carbon Steel
- Aluzinc Plated Steel
- Aluminium
- V2A (CrNi Stainless Steel)
- V4A (CrNiMo Stainless Steel)

Technical specifications & internal fixing details are available in online catalogues at www.emiter.co.uk & www.emiter.com. A printed version is also available upon request.

METAL ENCLOSURE STYLES

Facade doors (DE, DEk)

Universal wall mounted enclosures (OMU)

Universal flush mounted enclosure, with collar (OMK)

Universal light enclosures (OMS)

Free-standing cabinets (SU, SUJ)

Free-standing DIN style cabinets (DSU)

Free-standing reinforced cabinets (SUW)

Frame cabinets (SR)

Facade cabinets (*SN*)

Free standing indoor cabinets (OWW)

Universal control cabinets (SSU)

Light control cabinets (SSS)

Control desks (PSA) and (PSB)

Switchgear cabinets with measuring and area lighting compartments (SK, SKP, SKPO)

Tower switchgear cabinets (SWAP, SWAPO)

Enclosures for modular switchgears (ORM)

Universal enclosures for modular switchgear: wall mounted (ORMU), flush mounted (ORMK)

Floor switchgear enclosures (ORP)

Enclosures for free standing switchgear (ORW)











Enclosure for pole transformer station switchgear (ST/A) and (RSO)


Enclosure for internal transformer station switchgear (NTw)

Enclosure for construction site switchgears (ORB)

METAL ENCLOSURES

Main features of metal cabinets and their recommended applications

enclosure type	picture	indoor - I outdoor - O	material	IP degree	range of dimensions min / max	recommended application	mounting place
DE DEK		O	A	IP31	250×250 / 400×500	<ul style="list-style-type: none"> new cover of flush mounted switch-gears 	<ul style="list-style-type: none"> wall
OMU OMK		I	S	IP31	200×300×150 / 1000×1200×300	<ul style="list-style-type: none"> universal general purpose 	<ul style="list-style-type: none"> wall flush mounted
OMS		I	S	IP65 IP55	200×300×150 / 1000×1400×400	<ul style="list-style-type: none"> universal general purpose 	<ul style="list-style-type: none"> wall
		O	AZ, A, SS				<ul style="list-style-type: none"> hardened surface buried
SU		O	AZ, A, SS	IP43	280×880×335 / 1200×2000×500	<ul style="list-style-type: none"> universal general purpose 	<ul style="list-style-type: none"> hardened surface buried
DSU		O	AZ, A, SS	IP43	460×890×320 / 1120×1200×340	<ul style="list-style-type: none"> universal general purpose DIN - standard dimensions 	<ul style="list-style-type: none"> hardened surface buried
SUW		O	AZ	IP43	500×900×320 / 1150×1200×340	<ul style="list-style-type: none"> universal general purpose reinforced harbours railways mines 	<ul style="list-style-type: none"> hardened surface buried
SR		I	S	IP30 IP55	400×1600×400 / 1200×2000×600	<ul style="list-style-type: none"> universal control IT cable TV switchgears electricity distribution and measurement 	<ul style="list-style-type: none"> floor
SN		O	AZ	IP43	535×880×335 / 1000×880×335	<ul style="list-style-type: none"> universal control IT cable TV switchgears electricity distribution and measurement 	<ul style="list-style-type: none"> wall
OWW		I	S	IP43	400×1600×400 / 1200×2000×600	<ul style="list-style-type: none"> universal general purpose control switchgears electricity distribution and measurement 	<ul style="list-style-type: none"> floor
SSU		I	S	IP43	600×1600×400 / 1200×2000×500	<ul style="list-style-type: none"> universal 	<ul style="list-style-type: none"> floor

enclosure type	picture	indoor - I outdoor - O	material	IP degree	range of dimensions min / max	recommended application	mounting place
SSS		I	S	IP55	400×1600×400 / 1200×2000×600	<ul style="list-style-type: none"> universal general purpose control switchgears, electricity distribution and measurement 	<ul style="list-style-type: none"> floor
		O	AZ, A, SS				
PSA PSB		I	S	IP55	600×970×450 / 1500×1350×800	<ul style="list-style-type: none"> control 	<ul style="list-style-type: none"> floor
SK SKP SKPO		O	A	IP44	400×950×320 / 1250×1750×400	<ul style="list-style-type: none"> switchgears electricity distribution and measurement, lighting 	<ul style="list-style-type: none"> hardened surface buried
SWAP SWAPO		O	A	IP44	1300×850×500 / 1500×1150×500	<ul style="list-style-type: none"> switchgears electricity distribution and measurement lighting 	<ul style="list-style-type: none"> in wall mounted
ORM		I	S	IP43	350×2000×300 / 1150×2000×300	<ul style="list-style-type: none"> electricity distribution and measurement TV phone 	<ul style="list-style-type: none"> floor
ORMU ORMK		I	S	IP30	560×600×200 / 560×1050×200	<ul style="list-style-type: none"> electric circuit protection using modular devices 	<ul style="list-style-type: none"> wall flush mounted
ORP		I	S	IP30	264×1594×250 / 660×1800×250	<ul style="list-style-type: none"> electricity distribution and measurement circuit protection 	<ul style="list-style-type: none"> floor
ORW		I	S	IP30	600×1800×250 / 1200×2000×400	<ul style="list-style-type: none"> electricity distribution and measurement circuit protection 	<ul style="list-style-type: none"> floor





Designation:

I - aluminium AlMg3

I - carbon steel DC01

IZ - aluzinc plated steel AZ 150

IS - stainless steel V2A, AISI 304

enclosure type	picture	indoor - I outdoor - O	material	IP degree	range of dimensions min / max	recommended application	mounting place
ST/A		O	A	IP44	600×1280×600 / 1200×1333×600	<ul style="list-style-type: none"> switchgears electricity distribution measurement and protection 	• pole
RSO		O	AZ	IP44	1010×1020×760 / 1280×1500×860	<ul style="list-style-type: none"> switchgears electricity distribution measurement and protection 	• pole
NTw		O	AZ	IP20	depends on configuration	<ul style="list-style-type: none"> switchgears electricity distribution measurement and protection 	• transformer station
ORB		O	AZ	IP43	550×600×300 / 550×800×300	<ul style="list-style-type: none"> electricity distribution measurement and protection 	• construction site

Designation:

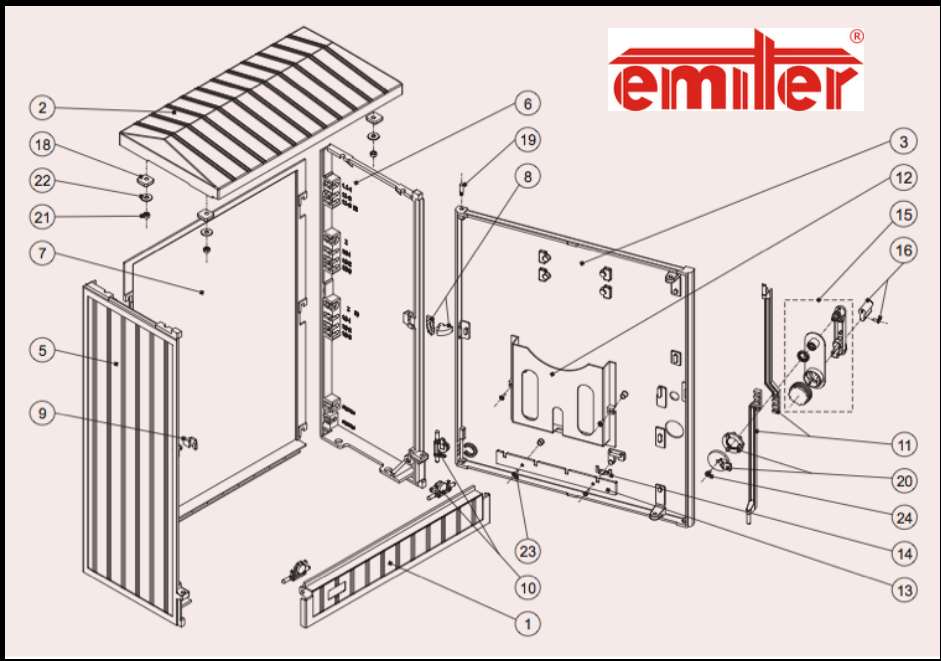
A- aluminium AlMg3

AZ - aluzinc plated steel AZ 150

• **Enclosure selection depending on environment conditions**

enclosure type	internal dry atmosphere	internal moist atmosphere	internal moist and aggressive atmosphere	external village shady environment	external industrial and urban shady environment	external village environment	external industrial and urban environment	external marine environment
carbon steel								
OMU, OMK, OMS, SR, OWW, SSU, SSS, PSA, PSB, ORM, ORMU, ORMK, ORP, ORW	+	-	-	-	-	-	-	-
aluzinc plated steel								
OMS, SU, DSU, SUW, SR, SN, SSS, RS, NTw, ORB	+	+	+	+	+	+	+	-
aluminium								
DE, DEK, OMS, SU, DSU, SSS, SK, SKP, SKPO, SWAP, SWAPO, ST/A	+	+	+	+	+	+	+	+
V2A	+	+	+	+	+	+	+	+
OMS, SU, DSU, SSS	+	+	+	+	+	+	+	+
V4A	+	+	+	+	+	+	+	+
OMS, SU, DSU, SSS	+	+	+	+	+	+	+	+

NTw - internal only



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