PRODUCT BROCHURE

Infrastructure Field Cabinets

Mounted Infrastructure Field Cabinets

Steel | Powder Coated

FC

SINGLE DOOR | IP66 IK10 NON-VENTILATED | IP55 IK10 VENTILATED

Pole-mounted field cabinets house sensitive data network and electrical equipment for heavy duty outdoor applications including road/traffic management and intelligent transport systems.

Features & Specifications

Pole-Mounted infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of outdoor applications.

Protection: IP66 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS   CE   UKCA

Material:
- Body: 1.5mm galvanised steel sheet
- Door: 2.0mm galvanised steel sheet
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
  (IP-706032 & IP-706032-0 only)
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 1.5mm galvanised steel sheet. Flat face sealing surfaces increase seal life. Pre-fitted blind nutserts are incorporated to accommodate pole mount bracket to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth stud are included. Fan/filter cutouts and hinged vent hoods are provided as standard. Non-ventilated option is also available. (Fans and filters are ordered separately).

Door: The front door is fabricated using 2.0mm galvanised steel sheet and is designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The door incorporates concealed removable hinges with captive pins. It is hinged on the left side and is provided with a heavy duty door stay. An A4 plan pocket is provided.

19" Data Rack Rails: Front and rear 19" data rack rails are fabricated from 1.5mm galvanised steel sheet. Available on IP-706032 only.

Door Seals: Polyurethane foamed in place (FIP) full perimeter door seals provide excellent sealing over a long life. Temperature resistance: -40°C to 80°C.

Locks: 3 point locking system with key-lock swing handle. Optional locking including half euro keyed as required, restricted keys, Bilock, etc.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Accessory: Optional Pole Mount Bracket (One-piece, full height). Optional Base: 600mm high base, flush to suit width and depth of field cabinet. Powder coated. Refer to table for part number.

Ventilated	Non-Ventilated	Description	Optional Pole Mount Bracket	Optional Base (600mm high)
Part Number/SKU	Part Number/SKU	U/RU H x W x D	Part Number/SKU	Part Number/SKU
IP-453522-T33	IP-453522-0-T33	450H x 350W x 225D	IP-PMB45	IP-FCBASE3522
IP-654532-T33	IP-654532-0-T33	650H x 450W x 325D	IP-PMB65	IP-FCBASE4532
IP-706032-T33	IP-706032-0-T33	12RU x 600W x 325D	IP-PMB70	IP-FCBASE6032

Mounted Infrastructure Field Cabinets   **FCA**

Marine Grade Aluminium | Powder Coated

SINGLE DOOR | IP66 IK10 NON-VENTILATED | IP55 IK10 VENTILATED

Marine grade aluminium pole-mounted field cabinets house sensitive data network and electrical equipment for outdoor applications including road/traffic management and intelligent transport systems.

Features & Specifications

FCA

Marine grade aluminium pole-mounted infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of harsh outdoor applications.

Protection: IP66 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS. CE UKCA

Material:
- Body: 2.5mm Marine Grade Aluminium 5754-H111
- Door: 2.5mm Marine Grade Aluminium 5754-H111
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
  (IP-A706032 & IP-A706032-0 only)
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.5mm marine grade aluminium. Flat face sealing surfaces increase seal life. Pre-fitted blind nutserts are incorporated to accommodate pole mount bracket to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth stud are included. Fan/filter cutouts and hinged vent hoods are provided as standard. Non-ventilated option is also available. (Fans and filters are ordered separately).

Door: The front door is fabricated using 2.5mm marine grade aluminium and is designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The door incorporates concealed removable hinges with captive pins. It is hinged on the left side and is provided with a heavy duty door stay. An A4 plan pocket is provided.

19" Data Rack Rails: Front and rear 19" data rack rails are fabricated from 1.5mm galvanised steel sheet. Available on IP-706032 only.

Door Seals: Polyurethane foamed in place (FIP) full perimeter door seals provide excellent sealing over a long life. Temperature resistance: -40°C to 80°C.

Locks: 3 point locking system with key-lock swing handle. Optional locking including half euro keyed as required, restricted keys, Bilock, etc.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Accessory: Optional Pole Mount Bracket (One-piece, full height). Optional Base: 600mm high base, flush to suit width and depth of field cabinet. Powder coated. Refer to table for part number.

Ventilated	Non-Ventilated	Description	Optional Pole Mount Bracket	Optional Base (600mm high)
Part Number/SKU	Part Number/SKU	U/RU H x W x D	Part Number/SKU	Part Number/SKU
IP-A453522-T33	IP-A453522-0-T33	450H x 350W x 225D	IP-APMB45	IP-AFCBASE3522
IP-A654532-T33	IP-A654532-0-T33	650H x 450W x 325D	IP-APMB65	IP-AFCBASE4532
IP-A706032-T33	IP-A706032-0-T33	12RU x 600W x 325D	IP-APMB70	IP-AFCBASE6032

Infrastructure Field Cabinets

FC

Steel | Powder Coated

IP66 IK10 (NON-VENTILATED) I IP55 IK10 (VENTILATED) I OPTIONAL DOUBLE WALL

Field cabinets house sensitive data network and electrical equipment for heavy duty outdoor applications including road/traffic management and intelligent transport systems.

Features & Specifications

Infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of outdoor applications.

Protection: IP66 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
– Body and Plinth: 2.0mm galvanised steel sheet
– Doors: 2.0mm galvanised steel sheet
– 19" Data Rack Rails: 1.5mm galvanised steel sheet
– Gland Plate: 3.0mm aluminium
– Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.0mm galvanised steel. The body is fitted with rain hood/sunshield, plinth, vent hoods and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A split gland plate is incorporated into the base. Four cutouts 125mm x 125mm are provided to house fans and filters and each are covered with removable vent hoods.

Doors: The front and rear doors are fabricated using 2.0mm galvanised steel sheet and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are provided with heavy duty door stays.

19″ Data Rack Rails: Front and rear 19″ data rack rails are fabricated from 1.5mm galvanised steel sheet.

Door Seals: Polyurethane foamed in place (FIP) full perimeter door seals provide excellent sealing over a long life. Temperature resistance: -40°C to 80°C.

Locks: Each door includes a 3 point locking system with key-lock swing handle. Optional locking including half euro keyed as required, restricted keys, Bilock, etc.

Gland Plate: 3mm aluminium split gland plates are incorporated into the base.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-1077562-T33	IP-1077562-0-T33	18RU 1075H x 750W x 620D
IP-1077580-T33	IP-1077580-0-T33	18RU 1075H x 750W x 800D
IP-1377562-T33	IP-1377562-0-T33	24RU 1375H x 750W x 620D
IP-1377580-T33	IP-1377580-0-T33	24RU 1375H x 750W x 800D
IP-1677562-T33	IP-1677562-0-T33	30RU 1675H x 750W x 620D
IP-1677580-T33	IP-1677580-0-T33	30RU 1675H x 750W x 800D
IP-1977562-T33	IP-1977562-0-T33	36RU 1975H x 750W x 620D
IP-1977580-T33	IP-1977580-0-T33	36RU 1975H x 750W x 800D
IP-2277562-T33	IP-2277562-0-T33	42RU 2275H x 750W x 620D
IP-2277580-T33	IP-2277580-0-T33	42RU 2275H x 750W x 800D

Infrastructure Field Cabinets

FCA

Marine Grade Aluminium | Powder Coated

IP66 IK10 (NON-VENTILATED) I IP55 IK10 (VENTILATED) I OPTIONAL DOUBLE WALL

Field cabinets house sensitive data network and electrical equipment for heavy duty outdoor applications including road/traffic management and intelligent transport systems.

Features & Specifications

Marine grade aluminium infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of outdoor applications.

Protection: IP66 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
– Body and Plinth: 2.5mm Marine Grade Aluminium 5754-H111
– Doors: 2.5mm Marine Grade Aluminium 5754-H111
– 19" Data Rack Rails: 1.5mm galvanised steel sheet
– Gland Plate: 3.0mm Aluminium
– Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.5mm marine grade aluminium. The body is fitted with rain hood/sunshield, plinth, vent hoods and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A split gland plate is also incorporated into the base. Four cutouts 125mm x 125mm are provided to house fans and filters and each are covered with removable vent hoods.

Doors: The front and rear doors are fabricated using 2.5mm marine grade aluminium and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are provided with heavy duty door stays.
NOTE: Double Wall option available. Refer to table below.

19″ Data Rack Rails: Front and rear 19″ data rack rails are fabricated from 1.5mm galvanised steel sheet.

Door Seals: Polyurethane foamed in place. Temperature resistance: -40°C to 80°C.

Locks: Each door includes a 3 point locking system with key-lock swing handle. Optional locking including half euro keyed as required, restricted keys, Bilock etc.

Gland Plate: 3mm aluminium split gland plates are incorporated into the base.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Ventilated	Non-Ventilated	Double Wall (Ventilated)	Description
Part Number/SKU	Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-A1077562-T33	IP-A1077562-0-T33	IP-A1077562-2-T33	18RU 1075H x 750W x 620D
IP-A1077580-T33	IP-A1077580-0-T33	IP-A1077580-2-T33	18RU 1075H x 750W x 800D
IP-A1377562-T33	IP-A1377562-0-T33	IP-A1377562-2-T33	24RU 1375H x 750W x 620D
IP-A1377580-T33	IP-A1377580-0-T33	IP-A1377580-2-T33	24RU 1375H x 750W x 800D
IP-A13775100-T33	IP-A13775100-0-T33	IP-A13775100-2-T33	24RU 1375H x 750W x 1000D
IP-A1677562-T33	IP-A1677562-0-T33	IP-A1677562-2-T33	30RU 1675H x 750W x 620D
IP-A1677580-T33	IP-A1677580-0-T33	IP-A1677580-2-T33	30RU 1675H x 750W x 800D
IP-A16775100-T33	IP-A16775100-0-T33	IP-A16775100-2-T33	30RU 1675H x 750W x 1000D
IP-A1977562-T33	IP-A1977562-0-T33	IP-A1977562-2-T33	36RU 1975H x 750W x 620D
IP-A1977580-T33	IP-A1977580-0-T33	IP-A1977580-2-T33	36RU 1975H x 750W x 800D
IP-A19775100-T33	IP-A19775100-0-T33	IP-A19775100-2-T33	36RU 1975H x 750W x 1000D
IP-A2277562-T33	IP-A2277562-0-T33	IP-A2277562-2-T33	42RU 2275H x 750W x 620D
IP-A2277580-T33	IP-A2277580-0-T33	IP-A2277580-2-T33	42RU 2275H x 750W x 800D

Infrastructure Field Cabinets

FC

Steel | Powder Coated

DOUBLE BAY | IP66 IK10 (NON-VENTILATED) | IP55 IK10 (VENTILATED)

IP Enclosures infrastructure field cabinets are available in ventilated and non-ventilated double bay configurations.

Features & Specifications

FC

IP Enclosures Infrastructure field cabinets are available in ventilated and non-ventilated double bay configurations.

DOUBLE BAY

Protection: IP66 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS

Materials:

– Body and Plinth: 2.0mm galvanised steel sheet
– Doors: 2.0mm galvanised steel sheet
– 19" Data Rack Rails: 1.5mm galvanised steel sheet
– Gland Plate: 3.0mm aluminium
– Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.0mm galvanised steel. The body is fitted with rain hood/sunshield, plinth, vent hoods and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A split gland plate is incorporated into the base. Four cutouts 125mm x 125mm are provided to house fans and filters and each are covered with removable vent hoods.

Doors: The front and rear doors are fabricated using 2.0mm galvanised steel sheet and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are provided with heavy duty door stays.

19" Data Rack Rails: Front and rear 19″ data rack rails are fabricated from 1.5mm galvanised steel sheet.

Door Seals: Polyurethane foamed in place (FIP) full perimeter door seals provide excellent sealing over a long life. Temperature resistance: -40°C to 80°C.

Locks: Each door includes a 3 point locking system with key-lock swing handle.

Gland Plate: 3mm aluminium split gland plates are incorporated into the base.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

(Shelves not included)

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-10715062-T33	IP-10715062-0-T33	2 x 18RU (36RU) Field Cabinet 1075H x 1500W x 620D
IP-10715080-T33	IP-10715080-0-T33	2 x 18RU (36RU) Field Cabinet 1075H x 1500W x 800D
IP-13715062-T33	IP-13715062-0-T33	2 x 24RU (48RU) Field Cabinet 1375H x 1500W x 620D
IP-13715080-T33	IP-13715080-0-T33	2 x 24RU (48RU) Field Cabinet 1375H x 1500W x 800D
IP-16715062-T33	IP-16715062-0-T33	2 x 30RU (60RU) Field Cabinet 1675H x 1500W x 620D
IP-16715080-T33	IP-16715080-0-T33	2 x 30RU (60RU) Field Cabinet 1675H x 1500W x 800D

Infrastructure Field Cabinets

FCA

Marine Grade Aluminium | Powder Coated

DOUBLE BAY | IP66 IK10 (NON-VENTILATED) | IP55 IK10 (VENTILATED)

Marine grade aluminium infrastructure field cabinets are available in ventilated and non-ventilated double bay configurations.

Features & Specifications

FCA

Marine grade aluminium infrastructure field cabinets are available in ventilated and non-ventilated double bay configurations.

DOUBLE BAY

Protection: IP66 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS CE UK CA

Material:
– Body and Plinth: 2.5mm Marine Grade Aluminium 5754-H111
– Doors: 2.5mm Marine Grade Aluminium 5754-H111
– 19" Data Rack Rails: 1.5mm galvanised steel sheet
– Gland Plate: 3.0mm Aluminium
– Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.5mm marine grade aluminium. The body is fitted with rain hood/sunshield, plinth, vent hoods and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A split gland plate is also incorporated into the base. Four cutouts 125mm x 125mm are provided to house fans and filters and each are covered with removable vent hoods.

Doors: The front and rear doors are fabricated using 2.5mm marine grade aluminium and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are provided with heavy duty door stays.

19" Data Rack Rails: Front and rear 19″ data rack rails are fabricated from 1.5mm galvanised steel sheet.

Door Seals: Polyurethane foamed in place. Temperature resistance: -40°C to 80°C.

Locks: Each door includes a 3 point locking system with key-lock swing handle.

Gland Plate: 3mm aluminium split gland plates are incorporated into the base.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

NOTE: Double Wall option available. Refer to table below.

(Shelves not included)

Ventilated	Non-Ventilated	Double Wall (Ventilated)	Description
Part Number/SKU	Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-A10715062-T33	IP-A10715062-0-T33	IP-A10715062-2-T33	2 x 18RU (36RU) 1075H x 1500W x 620D
IP-A10715080-T33	IP-A10715080-0-T33	IP-A10715080-2-T33	2 x 18RU (36RU) 1075H x 1500W x 800D
IP-A13715062-T33	IP-A13715062-0-T33	IP-A13715062-2-T33	2 x 24RU (48RU) 1375H x 1500W x 620D
IP-A13715080-T33	IP-A13715080-0-T33	IP-A13715080-2-T33	2 x 24RU (48RU) 1375H x 1500W x 800D
IP-A16715062-T33	IP-A16715062-0-T33	IP-A16715062-2-T33	2 x 30RU (60RU) 1675H x 1500W x 620D
IP-A16715080-T33	IP-A16715080-0-T33	IP-A16715080-2-T33	2 x 30RU (60RU) 1675H x 1500W x 800D

Air Conditioned Field Cabinets

FC

Steel | Powder Coated

IP Enclosures Air-Conditioned Field Cabinets are designed to house and cool sensitive data network and electrical equipment in harsh environments. They are rated IP55 and designed to prevent unauthorised access and vandalism while keeping contents cool to ensure protection in the toughest conditions.

Features & Specifications

IP Enclosures FC range of steel powder coated air-conditioned field cabinets are designed to house and cool equipment in harsh environments. They are rated IP55 and designed to prevent unauthorised access while keeping contents cool by incorporating an internally-mounted air conditioner.
The air conditioner is housed in a separate compartment and is accessible via a recessed side door with louvered vent hood to enhance air flow.
The cooled 19" rack compartment is rated to IP55, accessible via front and rear doors.

Protection: IP55 IK10

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
– Body and Plinth: 2.0mm Galvanised steel sheet
– Doors: 2.0mm Galvanised steel sheet
– 19" Data Rack Rails: 1.5mm Galvanised steel sheet
– Gland Plate: 3.0mm Aluminium
– Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.0mm galvanised steel sheet. The body is fitted with rainhood, sunshield, plinth, nad 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A 3.0mm aluminium split gland plate is also incorporated into the bottom face. A segmented compartment is provided to house the air conditioner.

Doors: The front, rear, and side doors are fabricated using 2.0mm galvanised steel sheet and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are designed for a 110° opening and are provided with heavy duty door stays.

19" Data Rack Rails: Front and rear 19" data rack rails are fabricated from 1.5mm galvanised steel sheet.

Seals: High quality Polyurethane foamed in place (FIP) full perimeter door seals.

Locks: Each door includes a 3-point locking system with key-lock swing handle.

Gland Plate: 3.0mm aluminium split gland plates are incorporated into the bottom of the enclosure for cable management.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Air Conditioner:
IP Enclosures SAA approved compact air conditioners are designed for the cooling needs of outdoor electrical cabinets. They have been designed for high efficiency and low maintenance and include a condenser fan controller and pressure controller for the compressor.

Standards: AS/NZS 60335.2.40:2019, AS/NZS 60335.1:2020.

Approval Marks: SAA203165

Ventilated	Description
Part Number/SKU	**U/RU H x W x D**
IP-1079062-ACO35-T33	18RU IP55 Field Cabinet 1075H x 900W x 620D for 0.35kW Air Conditioner
IP-1379062-ACO85-T33	24RU IP55 Field Cabinet 1375H x 900W x 620D for 0.85kW Air Conditioner
IP-1679080-AC145-T33	30RU IP55 Field Cabinet 1675H x 900W x 800D for 1.45kW Air Conditioner
IP-1979080-AC145-T33	36RU IP55 Field Cabinet 1975H x 900W x 800D for 1.45kW Air Conditioner
IP-2279080-AC200-T33	42RU IP55 Field Cabinet 2275H x 900W x 800D for 2.00kW Air Conditioner

Air Conditioned Field Cabinets

FCA

Marine Grade Aluminium | Powder Coated

IP Enclosures Air-Conditioned Field Cabinets are designed to house and cool sensitive data network and electrical equipment in harsh environments. They are rated IP55 and designed to prevent unauthorised access and vandalism while keeping contents cool to ensure protection in the toughest conditions.

Features & Specifications

IP Enclosures FC range of marine grade aluminium powder coated air conditioned field cabinets are designed to house and cool equipment in harsh environments. They are rated IP55 and designed to prevent unauthorised access while keeping contents cool by incorporating an internally-mounted air conditioner. The air conditioner is housed in a separate compartment and is accessible via a recessed side door with louvered vent hood to enhance air flow. The cooled 19" rack compartment is rated to IP55, accessible via front and rear doors.

Protection: IP55 IK10

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
– Body and Plinth: 2.5mm Marine Grade Aluminium sheet
– Doors: 2.5mm Marine Grade Aluminium sheet
– 19" Data Rack Rails: 1.5mm Galvanised steel sheet
– Gland Plate: 3.0mm Aluminium
– Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.0mm galvanised steel sheet. The body is fitted with rainhood, sunshield, plinth, nad 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A 3.0mm aluminium split gland plate is also incorporated into the bottom face. A segmented compartment is provided to house the air conditioner.

Doors: The front and rear doors are fabricated using 2.0mm galvanised steel sheet and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are designed for a 110° opening and are provided with heavy duty door stays.

19" Data Rack Rails: Front and rear 19" data rack rails are fabricated from 1.5mm galvanised steel sheet.

Seals: High quality Polyurethane foamed in place (FIP) full perimeter door seals.

Locks: Each door includes a 3-point locking system with key-lock swing handle.

Gland Plate: 3.0mm aluminium split gland plates are incorporated into the bottom of the enclosure for cable management.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Air Conditioner:
IP Enclosures SAA approved compact air conditioners are designed for the cooling needs of outdoor electrical cabinets. They have been designed for high efficiency and low maintenance and include a condenser fan controller and pressure controller for the compressor.

Standards: AS/NZS 60335.2.40:2019, AS/NZS 60335.1:2020.

Approval Marks: SAA203165

Ventilated	Description
Part Number/SKU	**U/RU H x W x D**
IP-A1079062-ACO35-T33	18RU IP55 Aluminium Field Cabinet 1075H x 900W x 620D for 0.35kW Air Conditioner
IP-A1379062-ACO85-T33	24RU IP55 Aluminium Field Cabinet 1375H x 900W x 620D for 0.85kW Air Conditioner
IP-A1679080-AC145-T33	30RU IP55 Aluminium Field Cabinet 1675H x 900W x 800D for 1.45kW Air Conditioner
IP-A1979080-AC145-T33	36RU IP55 Aluminium Field Cabinet 1975H x 900W x 800D for 1.45kW Air Conditioner
IP-A2279080-AC200-T33	42RU IP55 AluminiumField Cabinet 2275H x 900W x 800D for 2.00kW Air Conditioner

Accessories
Infrastructure Field Cabinets

Fixed Shelf Kits

Fixed shelf kits have many uses and can be used for component storage and battery storage. Shelves are ventilated. They are provided with fasteners and can be easily fitted without drilling.

Material: Galvanised steel sheet.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Colour RAL7035.

Part Number/SKU	Description	Shelf Rating
IP-FCSHL7562	Light Duty Shelf to suit 750W x 620D Field Cabinet	50kg
IP-FCSHH7562	Heavy Duty Shelf to suit 750W x 620D Field Cabinet	250kg
IP-FCSHH7580	Heavy Duty Shelf to suit 750W x 800D Field Cabinet	250kg

Sliding Shelf Kits (Laptop Drawers)

Sliding shelf kits (Laptop drawer kits) are provided assembled complete with 4 screws for fast and easy fitting without drilling.

Material: Galvanised steel sheet.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Colour RAL7035.
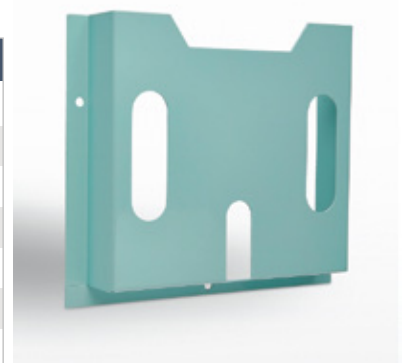
Part Number/SKU	Description	Shelf Rating
IP-FCDRAWER	Laptop Drawer to suit 750W x 620D Field Cabinet	25kg
IP-FCDRAWER800	Laptop Drawer to suit 750W x 800D Field Cabinet	25kg

General Accessories

Device mounting plates, document storage pockets and cage nuts:

Part Number/SKU	Description
IP-12RUDP	12RU Rack Mounted Device Mounting Plate
IP-18RUDP	18RU Rack Mounted Device Mounting Plate
IP-13762DP	Device Plate for 1375H x 620D Field Cabinet (Side Mount)
IP-16762DP	Device Plate for 1675H x 620D Field Cabinet (Side Mount)
IP-19762DP	Device Plate for 1975H x 620D Field Cabinet (Side Mount)
IP-FCPPA4-T33	A4 Document Storage Pocket
IP-M6SCREW-CAGENUT	M6 Cage Nut & Screw (Pack of 50)

Accessories
Infrastructure Field Cabinets

Solar Roofs

Material: Galvanised steel sheet I Marine grade aluminium

Part Number / SKU	Part Number / SKU	To suit Field Cabinet*	To suit Solar Panel**
Steel	Aluminium	WxD (mm)	
IP-FCSR7562-T33	IP-FCASR7562-T33	750 x 620	SY2-M80W/LH4
IP-FCSR7580-T33	IP-FCASR7580-T33	750 x 800	SY2-M80M/LH4

Depth of enclosure is fixed based on hole centers of bracket. Width is recommendation only to suit nominated solar panel.
**Nominated solar panel only. Other solar panels may be used but hole centers of other solar panels may vary.*

Pedestal Bases

Material: Galvanised steel sheet I Marine grade aluminium

Part Number / SKU	Part Number / SKU	Description
Steel	Aluminium	
IP-FCBASE3522-T33	IP-FCABASE3522-T33	600H Pedestal Base to suit 350W x 225D Field Cabinet T33 Smoke Blue
IP-FCBASE4532-T33	IP-FCABASE4532-T33	600H Pedestal Base to suit 450W x 325D Field Cabinet T33 Smoke Blue
IP-FCBASE6032-T33	IP-FCABASE6032-T33	600H Pedestal Base to suit 600W x 325D Field Cabinet T33 Smoke Blue

Pole-Mount Brackets

Material: Galvanised steel sheet I Grade 304 Stainless Steel (For Aluminium Field Cabinets)

Part Number / SKU	Part Number / SKU	Description
Steel	304SS (For Aluminium Field Cabinets)	
IP-PMB45	IP-APMB45	To suit 450H x 350W x 225D Field Cabinet
IP-PMB65	IP-APMB65	To suit 650H x 450W x 325D Field Cabinet
IP-PMB70	IP-APMB70	To suit 12RU x 600W x 325D Field Cabinet

Vented Doors

Material: Galvanised steel sheet I Marine grade aluminium

Part Number / SKU	Part Number / SKU	Description
Steel	Aluminium	HxW (mm)
IP-4535VENTDOOR-T33	IP-A4535VENTDOOR-T33	450 x 350
IP-6545VENTDOOR-T33	IP-A6545VENTDOOR-T33	650 x 450
IP-7060VENTDOOR-T33	IP-A7060VENTDOOR-T33	700 x 600

Features & Specifications

IP Enclosures EV range of powder coated galvanised steel EV charging cabinets are suitable for standalone installation of wall-mounted EV chargers. They are ideal for open-space car parks.

SINGLE DOOR

Protection: IP33 IK10
Standard: IEC/EN/AS60529, CE, UKCA

CE UKCA

Body: The body is fabricated using 1.5mm galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Integral device plate mounts and M6 earth stud is provided. Side gland plates are provided on both side panels for charge cable entry. Body includes integral base and cutout for cable to enable door to be closed when charging.
Single Door: Doors are fabricated using 1.5mm galvanised steel sheet and incorporate concealed removable hinges with captive pins. The upper door incorporates a window. The doors are designed for a 110° opening.
Seal: UL listed Polyurethane seal foamed in place (FIP). Temperature resistance -40°C to 80°C (160°C short term loading).
Lock: 3-point locking system with swing handle.
Device Mounting Plate: 1.5mm galvanised steel sheet, pre-fitted.
Gland Plate: Gland plates are incorporated into the bottom face of the enclosure.
Surface Treatment: UL approved epoxy polyester powder-coated with a textured finish. 80-120 micron average thickness. Colour RAL7035.

Part Number	Size (mm)	Lock
SKU	H x W x D	Quantity
IP-EVA1204030	1200 x 400 x 300	3-Point Locking

DOUBLE DOOR with WINDOW

Protection: IP55 IK10
Standard: IEC/EN/AS60529, CE, UKCA

Body: The body is fabricated using 1.5mm galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Integral device plate mounts and M6 earth stud is provided. Side gland plates are provided on both side panels for charge cable entry. Body includes integral base and cutout for cable to enable door to be closed when charging.
Doors: Doors are fabricated using 1.5mm galvanised steel sheet and incorporate concealed removable hinges with captive pins. The upper door incorporates a window. The doors are designed for a 110° opening.
Seal: UL listed Polyurethane seal foamed in place (FIP). Temperature resistance -40°C to 80°C (160°C short term loading).
Lock: Chrome 5mm double bit insert quarter turn locks with key.
Device Mounting Plate: 1.5mm galvanised steel sheet, pre-fitted.
Gland Plate: Gland plates are incorporated into the bottom face of the enclosure.
Surface Treatment: UL approved epoxy polyester powder-coated with a textured finish. 80-120 micron average thickness. Colour RAL7035.

Part Number	Size (mm)	Lock
SKU	H x W x D	Quantity
IP-EVB1204030	1200 x 400 x 300	4

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