



PRODUCT BROCHURE

Infrastructure Field Cabinets

Mounted Infrastructure Field Cabinets

FC

Steel | Powder Coated

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



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 nuts 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

Marine Grade Aluminium | Powder Coated

FCA

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

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.



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

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Steel | Powder Coated

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

Steel | Powder Coated

FC

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

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

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



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

Steel | Powder Coated

FC



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, and 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, and 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 Aluminium Field 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.

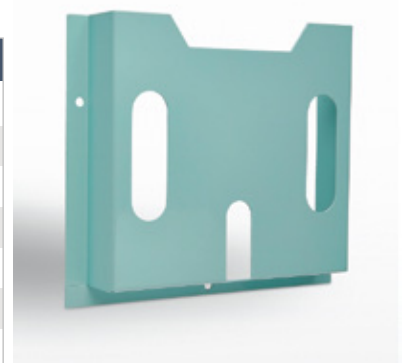
| Part Number/SKU | Description | Shelf Rating |
|-----------------|---|--------------|
| IP-FCDRAWER | Laptop Drawer to suit 750W x 620D Field Cabinet | 25kg |
| IP-FCDRAWER800 | Laptop Drawer to suit 750W x 800D Field Cabinet | 25kg |



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 | 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-M80MLH4 |

*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 | 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 | 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 | 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 |





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