Kiosk Enclosures

Product Specification Brochure

Field Electrical Cabinet
Marine Grade Aluminium I Powder Coated

AFE

SINGLE DOOR I DOUBLE DOOR IP66 IK10

The IP Enclosures IP66 Kiosks (Montrose-style boxes) range of powder coated marine grade aluminium electrical enclosures are designed to withstand harsh environments while offering flexibility for various applications. Their modular design and practical features make them ideal for housing electrical equipment, control panels, or communication systems in industrial settings.

www.ipenclosures.co.nz
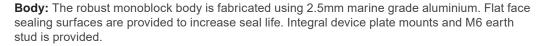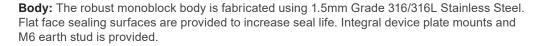
Features & Specifications

AFE

IP Enclosures range of outdoor electrical enclosures are suitable for general industrial applications.

Protection: IP66 IK10, NEMA 4
(Independent accredited test laboratory)

Standard: IEC/EN 60529, IEC/EN 62208, RoHS, CE, UKCA

Material:
- Body: 2.5mm Marine Grade Aluminium
- Doors: 2.5mm Marine Grade Aluminium
- Gland Plate: 2.5mm Marine Grade Aluminium
- Device Mounting Plate: 1.5mm galvanised steel sheet
- Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.5mm marine grade aluminium. Flat face sealing surfaces are provided to increase seal life. Integral device plate mounts and M6 earth stud is provided.

Doors: The robust surface mounted doors are fabricated using 2.5mm marine grade aluminium and incorporate concealed removable hinges with captive pins. The doors are designed for a 110° opening. M6 earth stud.

Seal: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

Lock: 3 point lock with Pad lockable swing handle.

Device Mounting Plate: The device mounting plate is fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted into enclosure as standard.

Gland Plate: Gland plates are provided with gaskets and fasteners.

Surface Treatment: UL approved polyester powdercoated with a Ripple Finish, 80-120 micron average thickness, providing excellent exterior durability and color retention.

Colour: Karaka Green.

Certificates:
IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 1902.14 02/00
IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01
CE Certificate of Compliance: Certificate SZL-21 MA 13338-1

Products are manufactured to Quality, Safety and Environmental standards.

SINGLE DOOR

Part Number	Description
SKU	Size
IP-AFE806040-KK	800H x 600W x 400D
IP-AFE808040-KK	800H x 800W x 400D
IP-AFE1408040-KK	1400H x 800W x 400D

DOUBLE DOOR

Part Number	Description
SKU	Size
IP-AFE10010040-KK	1000H x 1000W x 400D
IP-AFE12012050-KK	1200H x 1200W x 500D
IP-AFE14014050-KK	1400H x 1400W x 500D

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Field Electrical Cabinet
Stainless Steel Grade 316/316L

SSFE

SINGLE DOOR I DOUBLE DOOR IP66 IK10

The IP Enclosures IP66 Kiosks (Montrose-style boxes) range of range of stainless steel 316/316L electrical enclosures are designed to withstand harsh environments while offering flexibility for various applications. Their design and practical features make them ideal for housing electrical equipment, control panels, or communication systems in industrial settings.

Features & Specifications

SSFE

IP Enclosures range of grade 316/316L Stainless Steel outdoor electrical enclosures are suitable for general industrial applications.

Protection: IP66 IK10, NEMA 4
(Independent accredited test laboratory)

Standard: IEC/EN 60529, IEC/EN 62208, RoHS, CE, UKCA

Material:
- Body: 1.5mm Grade 316/316L Stainless steel
- Doors:1.5mm Grade 316/316L Stainless steel
- Gland Plate: 1.5mm Galvanised steel sheet
- Device Mounting Plate: 1.5mm Galvanised steel sheet
- Seal: Polyurethane

Body: The robust monoblock body is fabricated using 1.5mm Grade 316/316L Stainless Steel. Flat face sealing surfaces are provided to increase seal life. Integral device plate mounts and M6 earth stud is provided.

Doors: The robust surface mounted doors are fabricated using 1.5mm Grade 316/316L Stainless Steel and incorporate concealed removable hinges with captive pins. The doors are designed for a 110° opening. M6 earth stud.

Seal: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

Lock: 3 point lock with Pad lockable swing handle.

Device Mounting Plate: The device mounting plate is fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted into enclosure as standard.

Gland Plate: Gland plates are provided with gaskets and fasteners.

Certificates:
IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 1902.14 02/00
IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01
CE Certificate of Compliance: Certificate SZL-21 MA 13338-1

Products are manufactured to Quality, Safety and Environmental standards.

SINGLE DOOR

Part Number	Description
SKU	Size
IP-SSFE806040	800H x 600W x 400D
IP-SSFE808040	800H x 800W x 400D
IP-SSFE1408040	1400H x 800W x 400D

DOUBLE DOOR

Part Number	Description
SKU	Size
IP-SSFE10010040	1000H x 1000W x 400D
IP-SSFE12012050	1200H x 1200W x 500D
IP-SSFE14014050	1400H x 1400W x 500D

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Accessories
Vent Hoods, Fans & Filters & Thermal Control Heaters

IP56 **IP55**

Vent Hoods

Protection for Enclosure Ventilation Systems

- IP55 & IP56 Protection
- Powder-Coated Steel & 316 Stainless Steel Options
- Pre-Fitted Ventilation Systems Available
- Inclined Design to Prevent Liquid & Debris Build-Up
- Easy Installation with Nutserts & Gaskets
- Supplied with Fasteners

IP55 **IP54**

Fans & Filters for Electrical Enclosures

Optimised Ventilation for Heat Dissipation

- IP54 & IP55 Protection
- Standard & UV-Protected Outdoor Models
- High-Efficiency G3-G4 Filter Options
- Airflow Ranges from 25 m³/h to 1000 m³/h
- Roof, Side & Louvre Ventilation Solutions
- Easy Maintenance with Front-Opening Grill

IP20

Thermal Controllers for Electrical Enclosures

Optimised Climate Control for Reliable Performance

- IP20 Protection
- Thermostats for Heaters & Fans (NC & NO)
- Hygrostats for Humidity Regulation (10-90% RH)
- Digital Electronic Temperature Controllers
- Fan Speed Controllers for Noise & Energy Optimisation
- DIN Rail Mounting for Easy Installation

IP Enclosures®

Protection in the toughest conditions™