

IP55 Double-Wall Cabinet

ALM-ANK1808080

ALUMINIUM | DOUBLE-WALL | FLOOR-MOUNTED | IP55 IK10

1800H x 800W x 800D

IP Enclosures and Almatec Switzerland have partnered together to provide the highest quality Double-Wall Aluminium Electrical Cabinets.

The double-wall aluminium construction provides passive heat dissipation through natural convection while eliminating solar heat gain to provide the best protection from heat in the harshest sun.

Protection: IP55 IK10; Shock, Transport & Vibration ETS EN 300-01; Seismic/Earthquake ETS EN 300-019-2-4

Standards (& Conformities): IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, RoHS, REACH, WEEE



Material:

- Body: Double-Wall Aluminium
- Door: Double-Wall Aluminium
- Plinth: Aluminium
- 19" Rails: Stainless Steel
- Mounting Plate: Aluminium
- Gland Plate: Aluminium
- Seal: EPDM

Cabinet Frame and Panels: The Almatec double-wall construction is an innovative design to eliminate solar heat gain while providing passive heat dissipation through natural convection. The robust frame is constructed from torsion-free hollow aluminium profiles. The double-walled filler profiles provide reliable stability while the baseplate with cable feedthrough permanently protects the inside of the cabinet from ground moisture. The powder-coated aluminium construction provides protection against corrosion in harsh conditions including coastal saltwater environments. The double-walled construction also assists to reduce noise emissions.

Door: The robust door is fabricated using hollow aluminium profiles that eliminate solar heat gain while providing passive heat dissipation through natural convection. The door is designed with semi-concealed hinges for 180° opening.

19" Rails: Stainless steel cabinet/bracket rails.

Seal: An Elastomer EPDM Synthetic Seal is inserted into the aluminium profile to provide a high quality full perimeter seal. The EPDM seal provides excellent resistance to chemicals, ozone and UV.

Lock: Door is fitted with a 3-point bar lock and swivel lever handle.

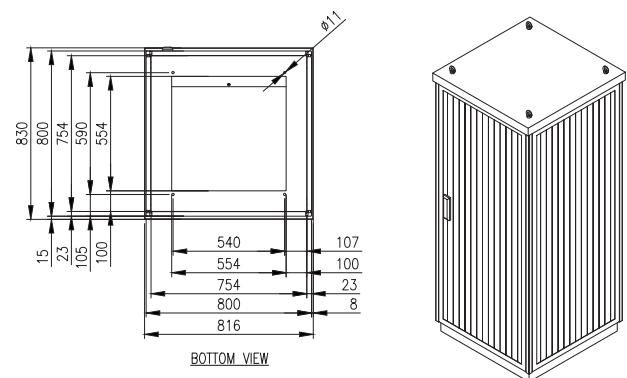
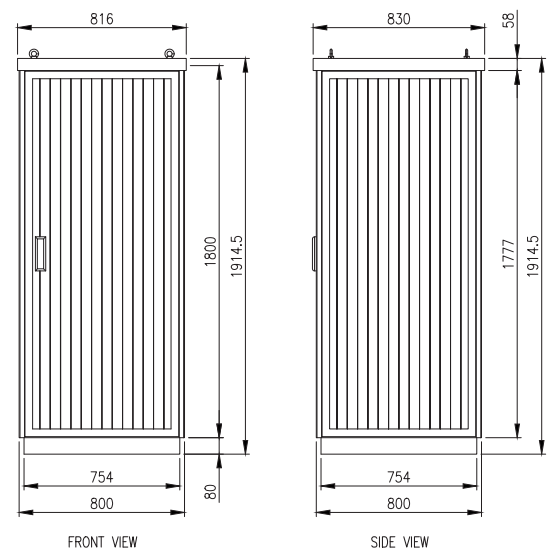
Mounting Plate: 3.0mm thick aluminium.

Gland Plate: 3.0mm thick aluminium.

Surface Treatment: Powder-coated RAL7035.

Accessories: A range of accessories are available including Device Mounting Plates and adjustable 19" Rack Mounting Kits.

Mass: 358Kg.



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ACCESSORIES:

Part Number	Description
ALM-ANK1808080MP	ANK Mounting Plate 1705mmH x 703mmW
ALM-ANK1808080RK	ANK 19" Rack Kit 1800mmH x 800mmW x 800mmD

CERTIFICATES:

IEC/EN 60529 Degrees of protection provided by enclosures: Certificate P50-10-0085
IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate IK-2631
IEC/EN 61439 Low-voltage switchgear and controlgear assemblies: Certificate IK-4028
ETS EN 300-019-2-4 (Seismic/Earthquake): Certificate (CoC Almatec) 16-12-09
ETS 300-01 (Transport & Vibration): Certificate P50-10-0034

Products are manufactured to Quality, Safety and Environmental Standards.