

Outdoor Field Cabinet

IP-12U6545-0-GRN

STEEL | SINGLE DOOR | NON-VENTILATED | IP66 IK10

19" 12U - 650W x 450D

The IP Enclosures UK IP66 19" Non-Ventilated Outdoor Field Cabinets are engineered for heavy duty outdoor applications, providing reliable protection for sensitive data, networking, and electrical equipment under harsh conditions. They are ideally designed and suited for applications across intelligent transport systems (ITS), CCTV, and data communication networks. These Outdoor Field Cabinets deliver a durable, high-performance enclosure solution optimised for long-term outdoor deployments.

Protection: IP66 IK10

Standards (& Conformities): IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS



Rack Unit Size: 12U

Material:

- Body and Plinth: 2.0mm Galvanised steel sheet
- Door: 2.0mm Galvanised steel sheet
- 19" Data Rack Rails: 2.0mm Galvanised steel sheet
- Device Mounting Plate: 2.0mm Galvanised steel sheet
- Shelf Kit: 2.0mm Galvanised steel sheet
- Gland Plates: 2.0mm Galvanised steel sheet
- Seal: Polyurethane

Body: The monoblock body is fabricated using 2.0mm galvanised steel sheet and features a gable-type roof design for effective protection against dust, debris, and adverse weather conditions. It includes an integrated plinth for base support and an internal device mounting plate to accommodate device installation. A shelf kit, provided with fasteners, is pre-fitted internally for component and battery storage. Gland plates are mounted at the base for cable entry management. Flat face sealing surfaces are incorporated to maximise seal life. Construction includes full seam welding to ensure high mechanical strength and structural integrity.

Door: Fabricated using 2.0mm galvanised steel and provides recessed mounting to deter vandalism and unauthorised access. It incorporates concealed removable hinges with captive pins. It is designed for a 110° opening and are provided with heavy duty door stays.

Plinth: Fabricated at 150mm high using 2.0mm galvanised steel sheet.

19" Data Rack Rails: The front and rear 19" data rack rails are fabricated using 2.0mm galvanised steel sheet.

Device Mounting Plate: Fabricated using 2.0mm galvanised steel sheet and is provided to accommodate device mounting installation.

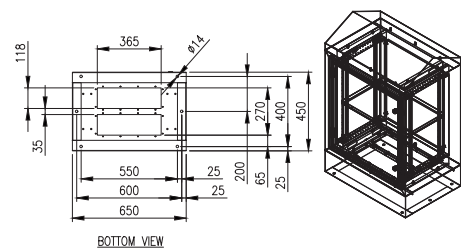
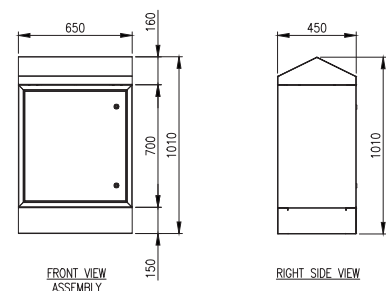
Shelf Kit: Fabricated using 2.0mm galvanised steel sheet and is provided with fasteners. Supplied fitted.

Gland Plates: 2.0mm galvanised steel gland plates are incorporated at the bottom of the cabinet for cable entry management.

Locks: 8mm Square Grade 316 Stainless Steel.



Image shown is for reference only.



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

Surface Treatment: UL approved AkzoNobel polyester powder coated with a smooth finish, 80-120 micron average thickness, providing excellent exterior durability and colour retention. Standard Colour: RAL6005 Moss Green.

Mass: 73Kg.

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CERTIFICATES:

IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 2009.33.02/00

IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01

CE Certificate of Compliance: Certificate SZT-24 MA 33485-1

UKCA Certificate of Compliance: Certificate SZT-25 MA 38734-1

Products are manufactured to Quality, Safety and Environmental Standards.

WARRANTY: 5 years.