

Heavy Duty IP55 19" Data Racks

Steel | Powder Coated

SD-HD

SINGLE DOOR | IP55 IK10



The IP Enclosures SD range of Heavy Duty IP66 19" Data Racks are designed for heavy duty outdoor applications to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations.



Features & Specifications

SD-HD

IP Enclosures range of Heavy Duty IP55 19" Data Racks are designed for heavy duty outdoor applications to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations. Heavy Duty Data Racks are constructed to withstand heavy loads associated with heavy equipment such as battery storage. Front and rear access doors are also provided.

Protection: IP55 IK10, NEMA4

Standards (& Conformities):

IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA



Rack Unit Size: 30RU, 36RU

Material:

- Enclosure Body: 2.0 galvanised steel sheet
- Enclosure Door: 2.0 galvanised steel sheet
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is 2.0mm galvanised steel sheet. Precision automated manufacturing equipment ensures accuracy and consistent high quality. Flat face sealing surfaces increase seal life. A galvanised steel gland plate is also incorporated into the bottom face.

Doors: The surface mounted door is 2.0mm galvanised steel sheet. It incorporates concealed removable hinges with captive pins. Doors are also designed for a 110° opening. Each door contains integral cable management rail studs and an M6 earth stud. The cable management rails are removable to provide more space for control components. (Extra Heavy Duty range includes front and rear door).

Door 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).

Locks: 3 point locking system with key-lock swing handle. A full range of locking solutions are available upon request.

Gland Plate: Gland plates are incorporated into the bottom face of the enclosure for cable management. They are provided with gaskets and fasteners. The size and quantity vary according to enclosure size.

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

Accessories: A full range of data rack enclosure accessories are available.



Part Number	Size	No. of U (RU)	Cabinet Size	Weight	Max Weight of Contents	Type
SKU	19"	U/RU	U/RU H x W x D (mm)	Kg	Kg	
IP-SD1676080	19"	30RU	30RU 1670 x 600 x 800	133	600	Heavy Duty
IP-SD1976080	19"	36RU	36RU 1970 x 600 x 800	150	720	Heavy Duty