FAMILY SPECIFICATIONS

IP66 Wall-Mount Outdoor Rack Cabinets

Lockable 19-inch steel cabinets for outdoor network and telecommunications equipment. Choose the rack height, enclosure depth and single- or double-wall construction.



7U – 20U
Rack capacity

IP66
Enclosure rating

300 kg
Cabinet equipment load rating

Specification	Family data
Rack and mounting	19-inch U-marked rails, rear wall brackets
Width × depth	600 × 450 mm / 600 × 600 mm
Outer shell	1.5 mm steel, RAL 7035 light grey powder coating
Double-wall construction	Additional 1 mm galvanized steel inner liner
Door and cable entry	Lockable metal front door, bottom cable entry
Roof and ventilation	Hinged roof, optional single- or dual-fan module

Standards and installation

The model datasheets reference TS EN IEC 61587-1:2022, UL 2416 and RoHS. Select wall fixings for the supporting structure and total installed weight. The 300 kg value is the cabinet equipment load rating.

MODEL SELECTION

Dimensions and cabinet weights

All cabinets are 600 mm wide. Each of the ten size combinations is available with a single or double wall. Order codes and nominal cabinet weights are listed below.

Rack	Depth	Single-wall order code	Weight	Double-wall order code	Weight
7U	450 mm	UPC-EXT-7U450D	24 kg	UPC-EXT-7U450DW	29 kg
7U	600 mm	UPC-EXT-7U600D	26 kg	UPC-EXT-7U600DW	32 kg
9U	450 mm	UPC-EXT-9U450D	25 kg	UPC-EXT-9U450DW	31 kg
9U	600 mm	UPC-EXT-9U600D	31 kg	UPC-EXT-9U600DW	38 kg
12U	450 mm	UPC-EXT-12U450D	30 kg	UPC-EXT-12U450DW	37 kg
12U	600 mm	UPC-EXT-12U600D	35 kg	UPC-EXT-12U600DW	44 kg
16U	450 mm	UPC-EXT-16U450D	35 kg	UPC-EXT-16U450DW	44 kg
16U	600 mm	UPC-EXT-16U600D	40 kg	UPC-EXT-16U600DW	50 kg
20U	450 mm	UPC-EXT-20U450D	37 kg	UPC-EXT-20U450DW	49 kg
20U	600 mm	UPC-EXT-20U600D	45 kg	UPC-EXT-20U600DW	58 kg

Optional heaters and fan units

All four options fit every cabinet size, with either single-wall or double-wall construction.

Order code	Accessory
F08IST-50W	50 W cabinet heater with thermostat
F08IST-100W	100 W cabinet heater with thermostat
UPC-F024F1OT	Outdoor fan unit with one fan and digital thermostat
UPC-F024F2OT	Outdoor fan unit with two fans and digital thermostat

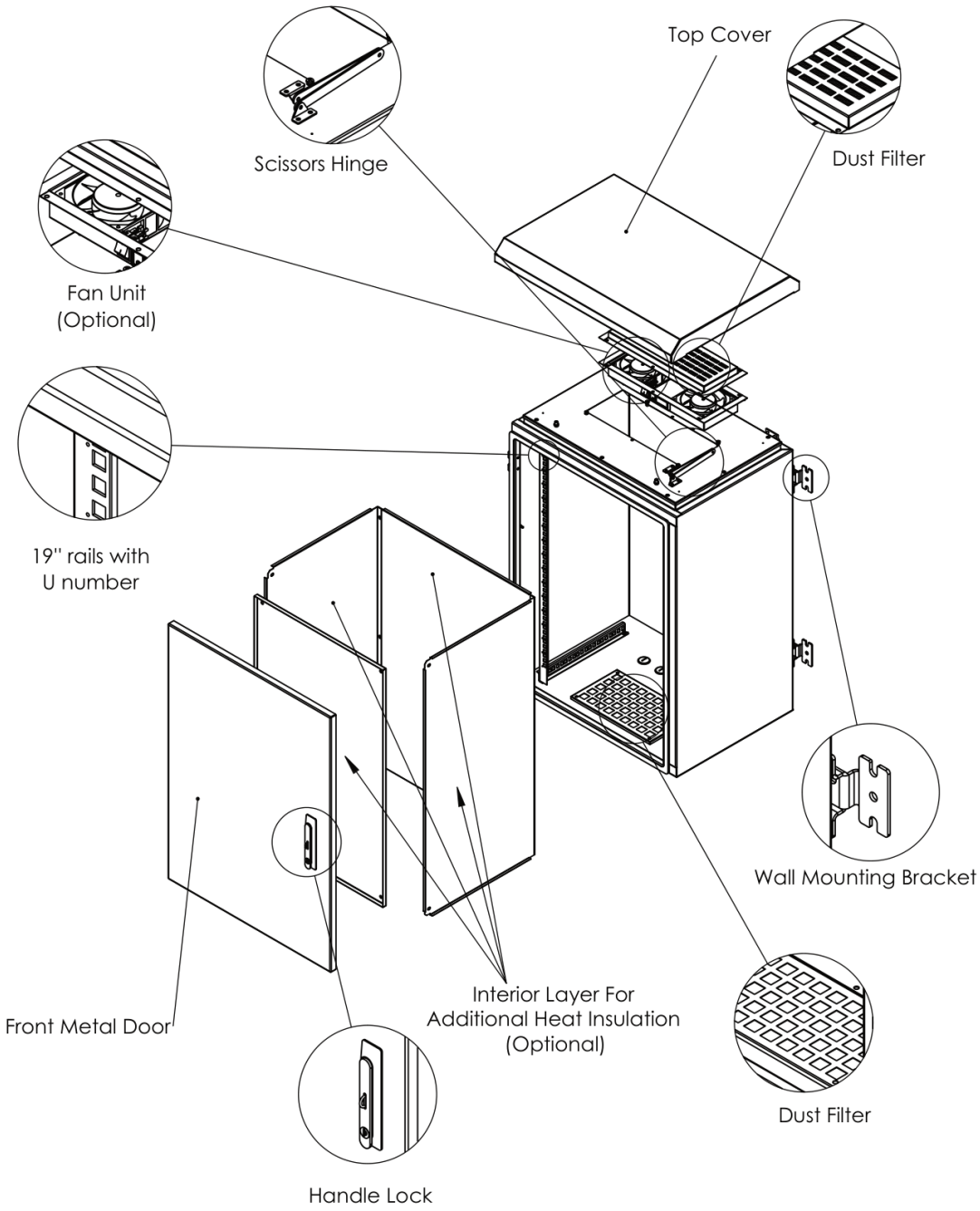
Order example: UPC-EXT-12U450DW + F08IST-50W + UPC-F024F2OT

For a quote, include the quantity and delivery country. Dimension drawings are on pages 4–5.

CONSTRUCTION AND ACCESS

Cabinet construction

The roof opens independently for access to the optional fan module. The rear brackets secure the enclosure to the wall. The exploded view shows the optional liner.

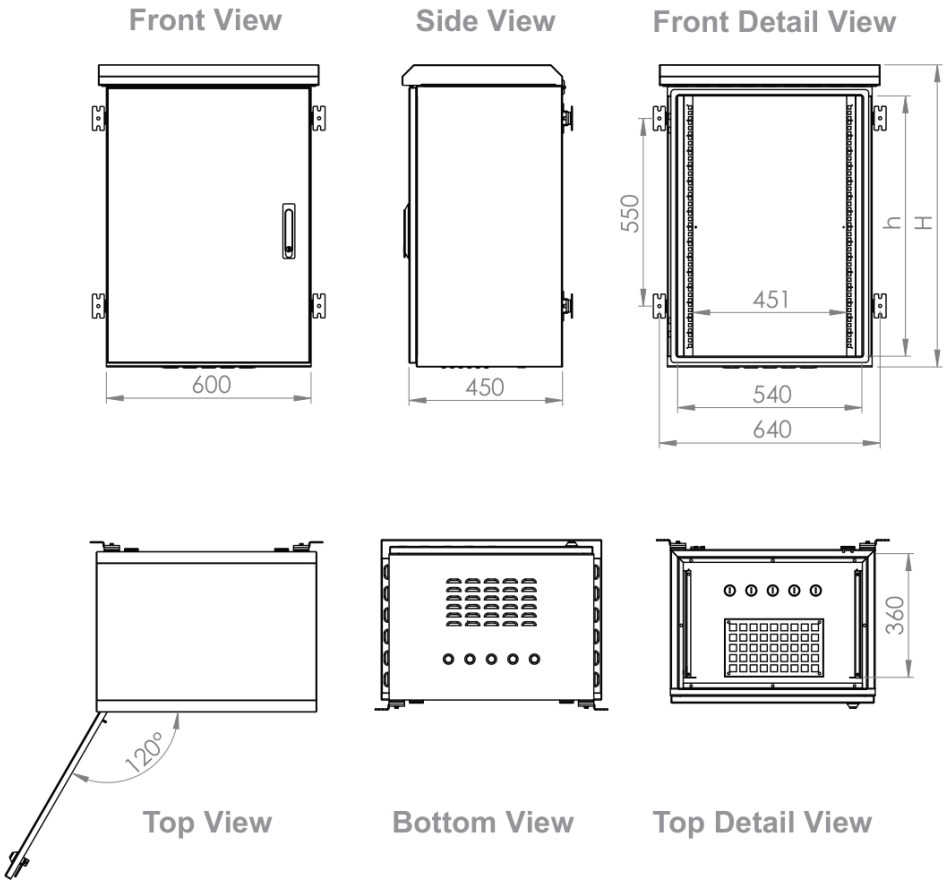


Keep the roof accessible for fan maintenance and leave space below for cable glands.

DIMENSIONAL DRAWINGS

450 mm depth

Front, side, top and bottom views. Dimensions in millimetres. Use the installation drawing for the selected cabinet and wall fixing arrangement.

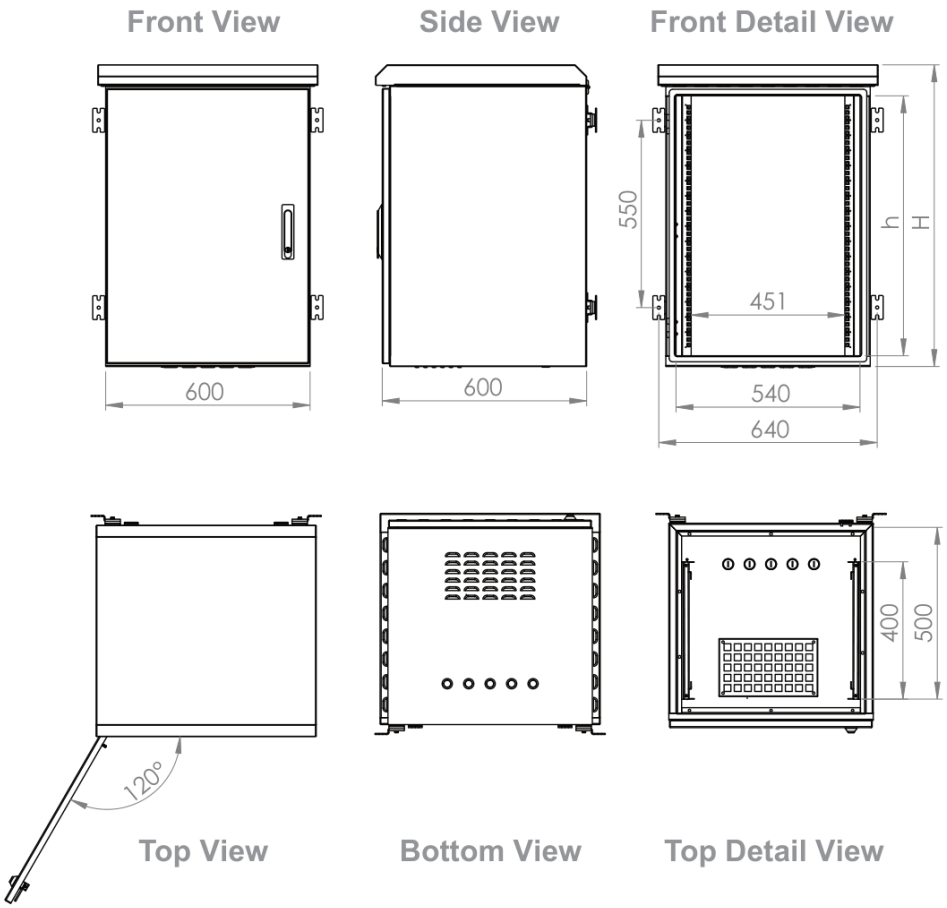


Rack	External height H	Reference height h
7U	486 mm	361 mm
9U	575 mm	450 mm
12U	708 mm	583 mm
16U	886 mm	761 mm
20U	1063 mm	939 mm

DIMENSIONAL DRAWINGS

600 mm depth

Front, side, top and bottom views. Dimensions in millimetres. Use the installation drawing for the selected cabinet and wall fixing arrangement.



Rack	External height H	Reference height h
7U	486 mm	361 mm
9U	575 mm	450 mm
12U	708 mm	583 mm
16U	886 mm	761 mm
20U	1063 mm	939 mm