FAMILY SPECIFICATIONS

IP66 Floor-Standing Outdoor Rack Cabinets

Floor-standing 19-inch steel cabinets for outdoor network switches, patch panels and telecom equipment. A 100 mm plinth provides space for cable entry from below.



7U – 20U
Rack capacity

IP66
Enclosure rating

600 kg
Cabinet equipment load rating

Specification	Family data
Rack and mounting	19-inch U-marked rails, 100 mm floor plinth
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. The enclosure has an IK10 impact rating. Overall heights include the 100 mm plinth. Equipment load and nominal empty cabinet weight are listed separately.

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-7U450Z	27 kg	UPC-EXT-7U450ZW	32 kg
7U	600 mm	UPC-EXT-7U600Z	34 kg	UPC-EXT-7U600ZW	40 kg
9U	450 mm	UPC-EXT-9U450Z	29 kg	UPC-EXT-9U450ZW	35 kg
9U	600 mm	UPC-EXT-9U600Z	36 kg	UPC-EXT-9U600ZW	42 kg
12U	450 mm	UPC-EXT-12U450Z	32 kg	UPC-EXT-12U450ZW	40 kg
12U	600 mm	UPC-EXT-12U600Z	39 kg	UPC-EXT-12U600ZW	48 kg
16U	450 mm	UPC-EXT-16U450Z	36 kg	UPC-EXT-16U450ZW	46 kg
16U	600 mm	UPC-EXT-16U600Z	44 kg	UPC-EXT-16U600ZW	55 kg
20U	450 mm	UPC-EXT-20U450Z	40 kg	UPC-EXT-20U450ZW	53 kg
20U	600 mm	UPC-EXT-20U600Z	49 kg	UPC-EXT-20U600ZW	63 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

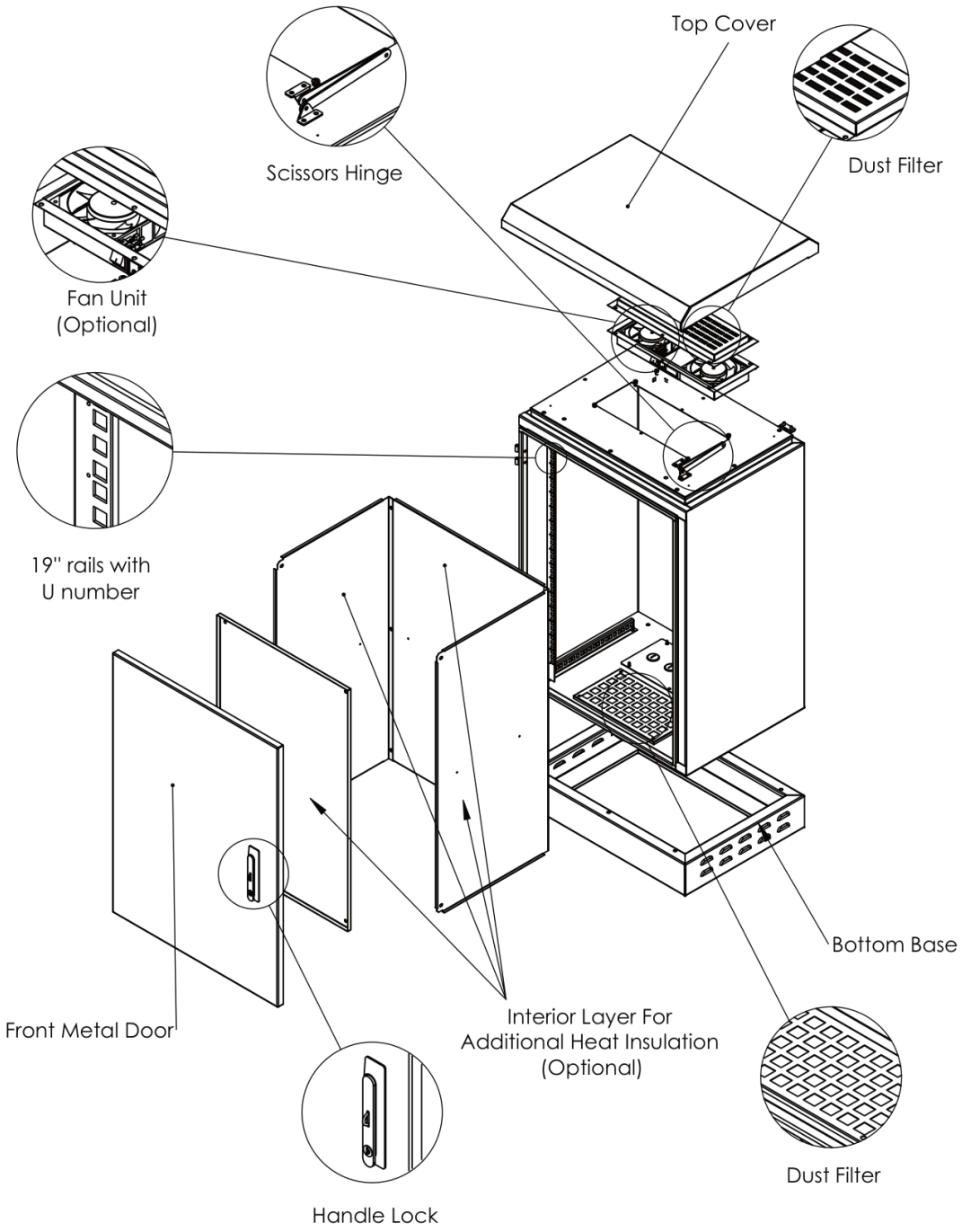
Order example: UPC-EXT-12U450ZW + F08IST-50W + UPC-F024F2OT

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 plinth forms the base for floor mounting and bottom cable entry. The exploded view shows the optional liner.

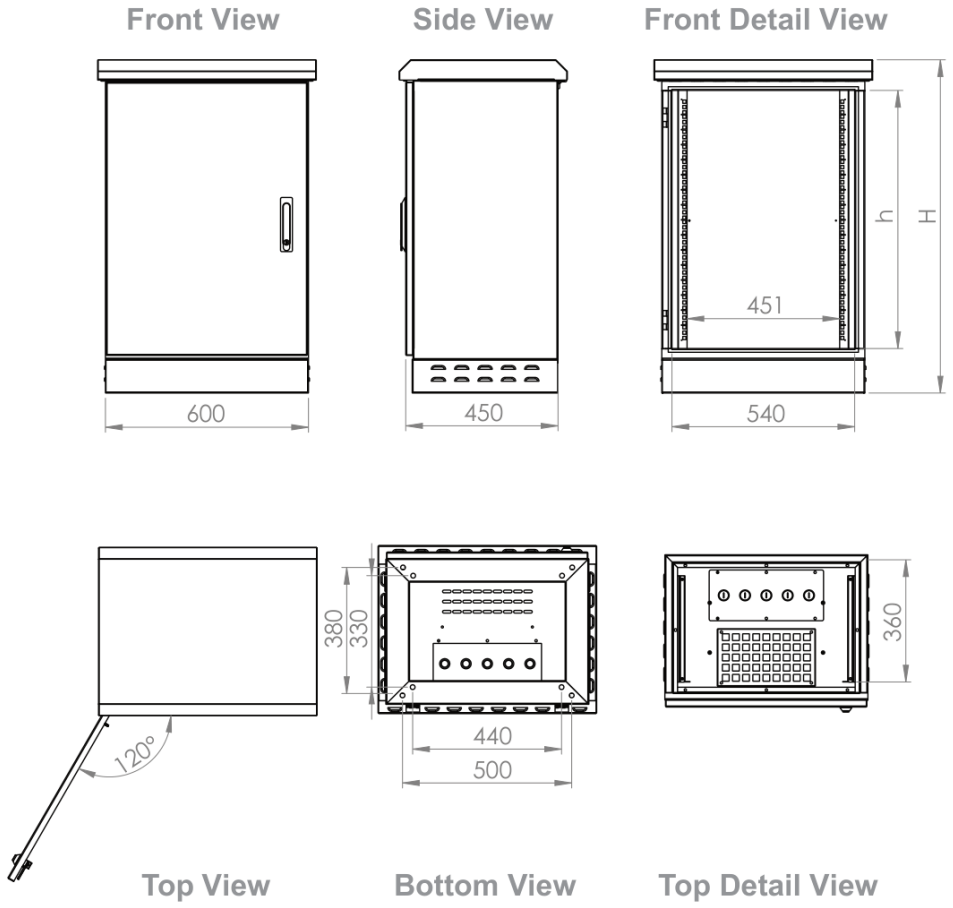


Keep the roof accessible for fan maintenance and leave space below for cable glands.

DIMENSIONAL DRAWINGS

450 mm depth

Front, side, top and bottom views. Dimensions in millimetres. H includes the 100 mm plinth. The reference height h is shown inside the cabinet.

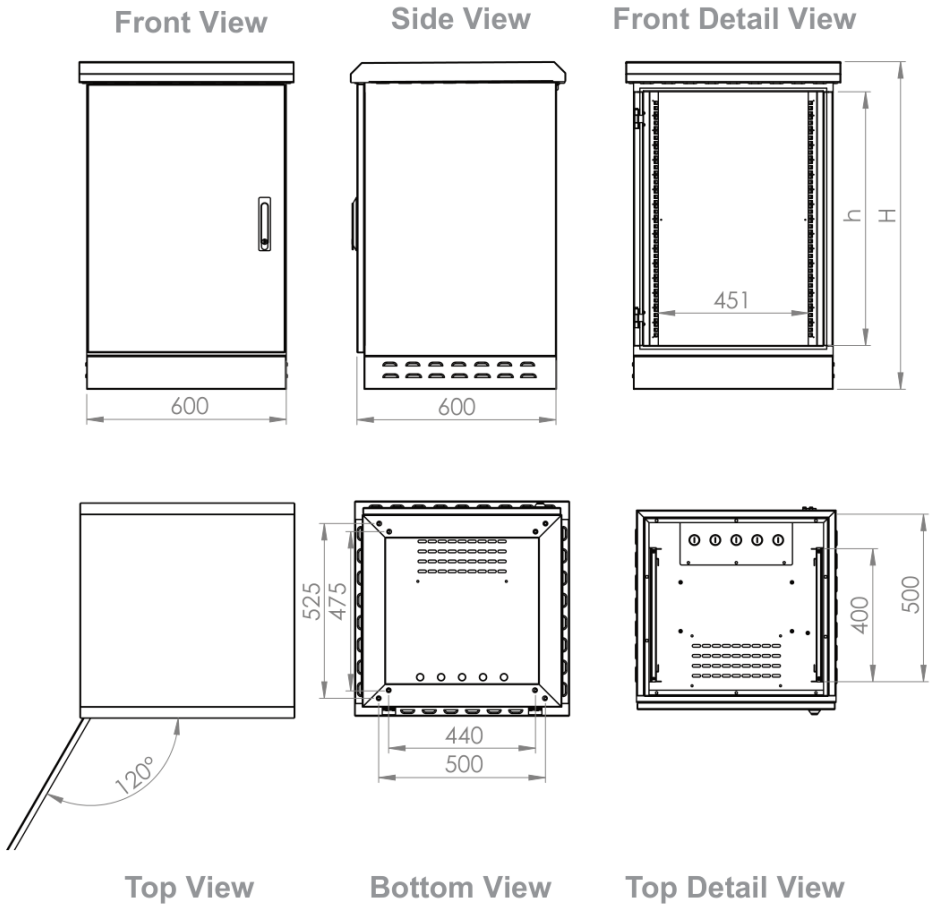


Rack	External height H	Reference height h
7U	586 mm	361 mm
9U	675 mm	450 mm
12U	808 mm	583 mm
16U	986 mm	761 mm
20U	1163 mm	939 mm

DIMENSIONAL DRAWINGS

600 mm depth

Front, side, top and bottom views. Dimensions in millimetres. H includes the 100 mm plinth. The reference height h is shown inside the cabinet.



Rack	External height H	Reference height h
7U	586 mm	361 mm
9U	675 mm	450 mm
12U	808 mm	583 mm
16U	986 mm	761 mm
20U	1163 mm	939 mm