

## IS-1 Network Cabinet IP20 iQdata Rack



Similar to image; for scale drawing, see page 3

### Technical data:

<b>Rating:</b>	IP20
<b>Frame clearance at front:</b>	112 mm
<b>Static load capacity</b>	Up to 18,000 N
<b>Material:</b>	<b>Basic frame:</b> 1.50 mm steel sheet <b>Doors:</b> 1.50 mm steel sheet <b>Side panels:</b> 0.75 mm steel sheet <b>482.6 mm (19") mounting angles:</b> 2.00 mm steel sheet <b>Glass:</b> 3.00 mm single pane safety glass
<b>Finish:</b>	<b>Framework:</b> powder coated <b>Cladding components:</b> powder coated <b>Interior fittings:</b> galvanised
<b>Colours:</b>	RAL 7035 light grey RAL 9005 jet black
<b>Standards:</b>	Earthing in acc. with DIN VDE 0100-540 Installed equipment in acc. with IEC 297-1/2 (19")

### Scope of delivery

1x	Basic frame with 25-mm mounting hole pitch pattern on all sides
4x	482.6 mm (19") mounting angles with square perforations at the front for cage nuts in acc. with IEC 297 d EIA
1x	Front door, glazed, with 4-point locking system, swivel handle and EK333 lock (can be exchange for DIN profile half cylinder 30/10)
1x	Rear door, solid, with 4-point locking system, swivel handle and EK333 lock (can be exchange for DIN profile half cylinder 30/10)
2x	Side panels, screw-fastened, optional sash-fastener (only for cabinets with side panels, see table)
1x	Two-part top cover with cable entry at the rear (with brush strip) and sides (pre-lasered), pre-lasered knockouts for up to 6 fans
2x	Active fans with connector cable (only on actively ventilated versions, see table)
1x	Open base frame
1x	Plinth, H 100 mm, passive venting (supplied with 47 U racks)
4x	Levelling feet, Ø 60 mm, incl. PA protective caps
1x	Earthing kit incl. central earthing bolt

## Network cabinets without ventilation

Width	Height	Depth	U	Install. depth	Side panels	RAL 7035	RAL 9005
600	1,300	600	25	347	✓	B55612061220	B50612061225
600	2,100	600	43	347	✓	B55620061220	B55620061225
600	2,100	800	43	547	✓	B55620081220	B55620081225
600	2,300	800	47	547	✓	B55622081220	B55622081225
600	1,300	600	25	347	-	B55612061200	B55612061205
600	2,100	600	43	347	-	B55620061200	B55620061205
600	2,100	800	43	547	-	B55620081200	B55620081205
600	2,300	800	47	547	-	B55622081200	B55622081205
800	1,300	800	25	547	✓	B55812081220	B55812081225
800	2,100	800	43	547	✓	B55820081220	B55820081225
800	2,300	800	47	547	✓	B55822081220	B55822081225
800	1,300	800	25	547	-	B55812081200	B55812081205
800	2,100	800	43	547	-	B55820081200	B55820081205
800	2,300	800	47	547	-	B55822081200	B55822081205

## Network cabinets without ventilation, with divided doors

Width	Height	Depth	U	Install. depth	Side panels	RAL 7035	RAL 9005
800	2,100	800	43	547	✓	B55820084520	B55820084525
800	2,300	800	47	547	✓	B55822084520	B55822084525
800	2,100	800	43	547	-	B55820084500	B55820084505
800	2,300	800	47	547	-	B55822084500	B55822084505

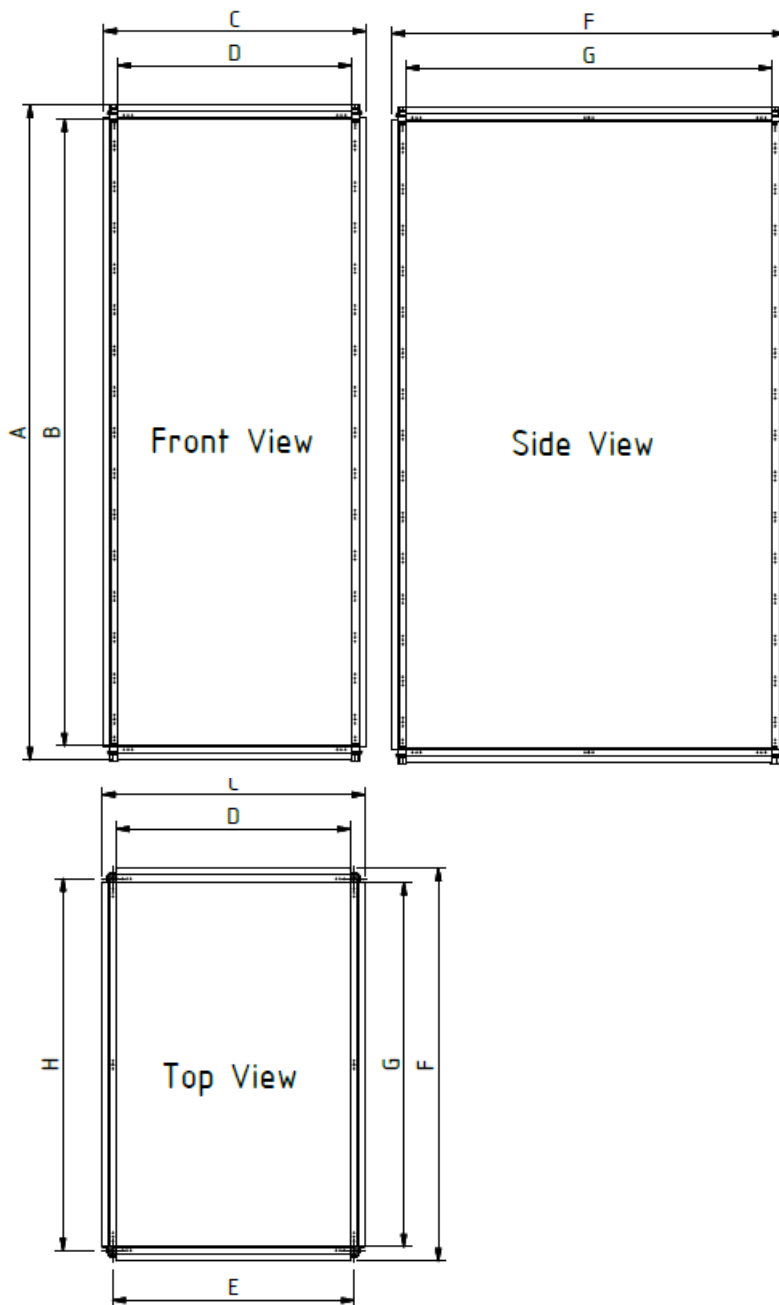
## Network cabinet with active fans in top cover

Width	Height	Depth	U	Install. depth	Side panels	RAL 7035	RAL 9005
600	1,300	600	25	347	✓	B56612061220	B56612061225
800	2,100	800	43	547	✓	B56820081220	B56820081225
800	2,100	900	43	647	✓	B56820091220	B56820091225
800	2,100	1,000	43	747	✓	B56820101220	B56820101225
800	2,100	1,200	43	747	✓	B56820121220	B56820121225

## Version with active fans in top cover and divided doors

Width	Height	Depth	U	Install. depth	Side panels	RAL 7035	RAL 9005
800	2,100	800	43	547	✓	B56820084520	B56820084525
800	2,100	1,000	43	747	✓	B56820104520	B56820104525
800	2,100	1,200	43	747	✓	B56820124520	B56820124525

## Dimensional drawing



### Frame heights

HE	nominal size	A	B
25	1200	1199	1112
38	1800	1799	1712
43	2000	1999	1912
47	2200	2199	2112

plus 4.5 mm with top cover (without bolts)  
 plus 10.5 mm with top cover (pan head screws)  
 plus 16 mm minimum with feet

### Frame widths

nominal size	C	D	E
300	297	210	234,5
600	597	510	534,5
700	697	610	634,5
800	797	710	734,5

plus 4.5 mm per side panel

### Frame depths

nominal size	F	G	H
600	597	510	534,5
800	797	710	734,5
900	897	810	834,5
1000	997	910	934,5
1200	1197	1110	1134,5

plus 6 mm per door/pair of doors

all dimensions in mm

A	Height, external
B	Height, internal
C	Width, external
D	Width, internal
E	Width, space between feet
F	Depth, external
G	Depth, internal
H	Depth, space between feet