

IS-1 Server Cabinet IP20 iQdata Rack



Similar to image; for scale drawing, see page 3

Technical data:

Rating:	IP20
Frame clearance at front:	112 mm
Static load capacity	Up to 18,000 N
Material:	Basic frame: 1.50 mm steel sheet Doors: 1.50 mm steel sheet Side panels: 0.75 mm steel sheet 482.6 mm (19") mounting angles: 2.00 mm steel sheet
Finish:	Framework: powder coated Cladding components: powder coated Interior fittings: galvanised
Colours:	RAL 7035 light grey RAL 9005 jet black
Standards:	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 (asymmetrical on the right for B 700 racks)
1x	Front door, passive venting (hexagonal perforations SW 6-6.7, 81 % free clearance), with 4-point locking system, swivel handle and EK333 lock (can be exchanged for DIN profile half cylinder 30/10)
1x	Rear door, passive venting (hexagonal perforations SW 6-6.7, 81 % free clearance), with 4-point locking system, swivel handle and EK333 lock (can be exchanged 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
1x	Open base frame
4x	Levelling feet, Ø 60 mm, incl. PA protective caps
1x	Earthing kit incl. central earthing bolt

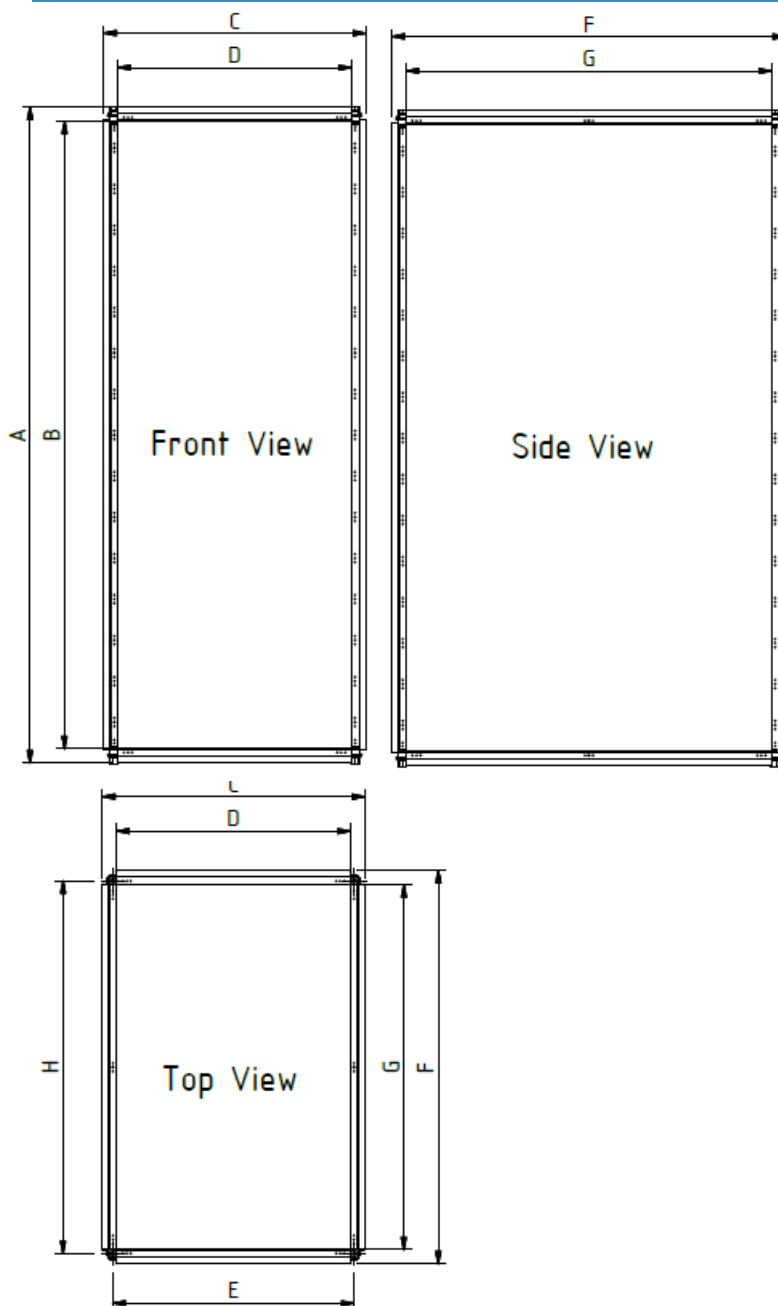
Model with single-piece doors

Width	Height	Depth	U	Install. depth	Side panels	RAL 7035	RAL 9005
600	1,200	900	25	647	✓	B50612093320	B50612093325
600	2,000	900	43	647	✓	B50621093320	B50621093325
600	2,200	900	47	647	✓	B50622093320	B50622093325
600	1,200	1,000	25	747	✓	B50612103320	B50612103325
600	2,000	1,000	43	747	✓	B50620103320	B50620103325
600	2,200	1,000	47	747	✓	B50622103320	B50622103325
600	2,000	1,200	43	747	✓	B50620123320	B50620123325
600	2,200	1,200	43	747	✓	B50622123320	B50622123325
700	2,000	1,000	43	747	✓	B50720103320	B50720103325
700	2,000	1,200	43	747	✓	B50720123320	B50720123325
700	2,200	1,000	47	747	✓	B50722103320	B50722103325
700	2,200	1,200	47	747	✓	B50722123320	B50722123325
800	1,200	900	25	647	✓	B50812093320	B50812093325
800	2,000	900	43	647	✓	B50821093320	B50821093325
800	2,200	900	47	647	✓	B50822093320	B50822093325
800	1,200	1,000	25	747	✓	B50812103320	B50812103325
800	2,000	1,000	43	747	✓	B50820103320	B50820103325
800	2,200	1,000	47	747	✓	B50822103320	B50822103325
800	2,000	1,200	43	747	✓	B50820123320	B50820123325
800	2,200	1,200	43	747	✓	B50822123320	B50822123325
600	1,200	900	25	647	✗	B50612093300	B50612093305
600	2,000	900	43	647	✗	B50621093300	B50621093305
600	2,200	900	47	647	✗	B50622093300	B50622093305
600	1,200	1,000	25	747	✗	B50612103300	B50612103305
600	2,000	1,000	43	747	✗	B50620103300	B50620103305
600	2,200	1,000	47	747	✗	B50622103300	B50622103305
600	2,000	1,200	43	747	✗	B50620123300	B50620123305
600	2,200	1,200	43	747	✗	B50622123300	B50622123305
700	2,000	1,000	43	747	✗	B50720103300	B50720103305
700	2,000	1,200	43	747	✗	B50720123300	B50720123305
700	2,200	1,000	47	747	✗	B50722103300	B50722103305
700	2,200	1,200	47	747	✗	B50722123300	B50722123305
800	1,200	900	25	647	✗	B50812093300	B50812093305
800	2,000	900	43	647	✗	B50821093300	B50821093305
800	2,200	900	47	647	✗	B50822093300	B50822093305
800	1,200	1,000	25	747	✗	B50812103300	B50812103305
800	2,000	1,000	43	747	✗	B50820103300	B50820103305
800	2,200	1,000	47	747	✗	B50822103300	B50822103305
800	2,000	1,200	43	747	✗	B50820123300	B50820123305
800	2,000	1,200	43	747	✗	B50822123300	B50822123305

Model with divided doors

Width	Height	Depth	U	Install. depth	Side panels	RAL 7035	RAL 9005
800	2,000	1,000	43	747	✓	B50820106620	B50820106625
800	2,200	1,000	47	747	✓	B50822106620	B50822106625
800	2,000	1,200	43	747	✓	B50820126620	B50820126625
800	2,200	1,200	47	747	✓	B50822126620	B50822126625
800	2,000	1,000	43	747	✗	B50820106600	B50820106605
800	2,200	1,000	47	747	✗	B50822106600	B50822106605
800	2,000	1,200	43	747	✗	B50820126600	B50820126605
800	2,200	1,200	47	747	✗	B50822126600	B50822126605

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