

# BoxD S-Type



## Description

The Delta BoXD system is the choice when space is scarce or site density needs to be increased cost-effectively.

Walls are single-wall, and multi lock mechanism completes the protection of installed equipment

## Main features

- Single bay cabinet suitable for:
  - DC power systems
  - Battery backup
  - Telecom equipment
  - or combination of above
- Compatible with small 19inch Delta Power Systems
- Power system controller ORION can be used as system and climate controller
- Air ventilation cooling system with fan and filter
- IP55 protection class

## Applications

- Wall and Pole Mounted Outdoor Power Systems
- Network base stations
- Wireless applications
- Fixed line applications
- Data communications

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## Outdoor Cabinet

Model	S1	S2
<b>Physical Specifications</b>		
Exterior Height *	933 mm	1469 mm
Exterior Width *	709 mm	775 mm
Exterior Depth * (body / including mounting bracket)	189 mm / 273 mm	246 mm / 331 mm
Weight *	~ 30 kg	~ 50 kg
Rack space (vertical orientation)	4U, 19 inch	2x 5U, 19 inch
Maximum rack installation depth	477 mm	513 mm

\* Not including optional items

<b>Construction Specification</b>	
Base	Galvanized steel, 2,5 mm thickness
Door	Aluminium, 1,5 mm thickness
Internal frame	Galvanized steel, 2,0 mm thickness
Powder Coat paint	Outdoor Polyester, Light Gray RAL7035

<b>Door Specification</b>		
Locking	Two-point side latch	Three-point side latch
Gasket	Door gasket rated for outdoor use	
Door stop	Wind latch to hold door during maintenance (110°)	

<b>Thermal management</b>	
Cooling system	Air ventilation with fan and filter
Cooling capacity	80 W/K
Fan	Single fan (48 V <sub>DC</sub> / 23,5 W / IP55) Temperature regulated speed
Inlet filter	Pleated filter type Class M5 [EN 779]
Outlet filter	Progressive dump filter type Class G4 [EN 779]
Heater (Optional)	700 W, 230 V <sub>AC</sub>

Specifications are subject to change without notice

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Model	S1	S2
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Other specifications and options		
Cable entry	1x PG29, 2x PG21, 8x PG11, 6x PG9	4x PG29, 6x PG21, 4x PG11, 4x PG9
Maximum equipment load inside cabinet	75 kg	160 kg
Ground Bar	4x M5 and 2x M6 positions	
Accessories DIN rail distribution	274 mm wide DIN rail for auxiliary equipment. Optional cover available.	
Pole mount installation kit (optional)	Pole mount steel strips, diameter 60 – 115 mm	
Battery bracket (optional)	The support bracket for Li-Ion batteries, or holder for 4x 7 Ah batteries	
Cover (optional)	The design cover to block sun radiation and improve the visual impact of cabinet	
Shipping	Shipments are made in horizontal position on a wood pallet.	

Design Standards	
Electrical safety	IEC/EN 62368-1 3.ed
EMC	ETSI EN 300 386:V.2.2.0 EN 61000-6-1 /-2 /-3 /-4
Environmental	ETSI EN 300 019-1-1 (Class 1.2) /-2 (Class 2.3) /-4 (Class 4.1E)
Ingress Protection	EN 60529, IP55

Ordering information	
Product platform configurator	3798104806

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