

BOXD 850-48-2

Small Cell

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

- Optional Power system controller ORION can be used as system and climate controller
- Optional battery backup
- Cooling system based on heat exchanger
- IP 55 protection class, aluminum/galvanized steel based design without thermal insulation
- Up to 2.5U x 19" structure for -48V user equipment
- System includes integrated -48V PSU with 1+1 optional rectifiers of 95.2% efficiency.
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Applications

- Wall & Pole Mounted Outdoor Environment according to ETS 300 019-1-4 class 4.1



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Technical specification

1. Input

AC connection	1L + N + PE
Nominal voltage	1 x 230V _{RMS}
Voltage range	80 – 300V _{RMS}
Frequency range	45 – 66Hz
Current max. / phase	8 A
Screw terminals/cable	3 x 2,5 mm ²
Input protection recom.	C16A
AC OVP (SPD)	Type II (optional)

2. Output

Voltage range	42 – 58V _{DC} ; 54V _{DC nom}
Power, nominal	1700 W (2 x 850W)
Output current (max.)	40A / 20A with redundancy
Load breakers	Priority load 2 x 16A
Battery breakers	1 x 16A
LVD (battery)	40 A (optional)
PLD	No

3. Climate management

Heat exchanger (HEX)	HEX015PA-001
Cooling Capacity	15W/K
Rated voltage	DC 48V
Rated current	0,66A

4. General

Height, overall	684mm
Width, body	485mm
Depth, body	369mm
Weight, system	21kg
Rectifier efficiency	95,2 %
Ambient temperature	-33°C to + 40°C
ETSI EN 300 019-1-4	Class 4.1
Relative humidity	95 % max, non cond.
Safety	IEC/EN 60950
EMC	EN 300 386
Protection	IP 55
Controller	Orion (optional)
Rectifier unit	DPR 850-48

5. Ordering

Product platform PN	3799768600
Description	BOXD 850-48-2

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