

POWER2RAXX LL 80

The modular commercial storage
unit with a 12-year warranty



E-Mobility



Drive
System



Energy Storage
Systems



Power- and
Garden Tools



Industrial



Medical

BMZ POWER2RAXX LL 80

Long life energy storage system for commercial and industrial applications

POWER2RAXX LL 80 The indoor and outdoor solution

- Robust storage system, flexibly adaptable
- Compact and scalable, consisting of 80,9 kWh units
- 12-year warranty
- Up to 10 POWER2RAXX LL 80 can be connected together to form a battery system



TECHNICAL DETAILS

Basic parameters	Indoor	Outdoor
Energy (max.)*	80.9 kWh	80.9 kWh
Nominal voltage	409 V	409 V
Capacity (max.)	198 Ah	198 Ah
Charging current (max.)	90 A	90 A
Discharge current – peak (3s)	100 A	100 A
Discharge current (nom.)	90 A	90 A
Discharge power (max.)	40 kW	40 kW
Discharge power – peak	50 kW	50 kW
Cycles	up to 10,000	Up to 10,000
Optional PV (max.)	60 kWp	60 kWp
Optional PV input current (max.)	4 MPPTs, each 30A	4 MPPTs, each 30A

*According to IEC, charge at 0.1C, discharge at 0.1C at 25°C from 2.5V to 4.2V.

Basic parameters	Indoor	Outdoor
Optional PV-MP PT voltage range	200-850 V	200-850 V
Nominal AC voltage	3L/N/PE; 220/380V; 230/400V; 240/415V	3L/N/PE; 220/380V; 230/400V; 240/415V
Max. output AC current	60 A	60 A
UPS switching time	< 20 ms	< 20 ms
Operating ambient temperature	0 to 45 °C	-10 bis +60 °C
Enclosure protection class	IP21	IP55
Max. weight single rack single inverter	798 kg 75 kg	812 kg 75 kg
Dimensions (W x H x D) single rack single inverter	816 x 2131 x 839 800 x 620 x 300	816 x 2131 x 839 800 x 620 x 300
Communication interfaces	CAN / RS-485 / Ethernet	CAN / RS-485 / Ethernet
Certifications	CE / UN38.3 / EN61439	CE / UN38.3 / EN61439
Areas of application	On Grid / On Grid +Backup Off Grid	On Grid / On Grid +Backup Off Grid
Warranty	12 years	12 years

Modul Type	Helios VE LongLife
Cell type	Li-Ion - BMZ Technology
Dimensions (W x H x D)	217 mm x 155 mm x 546 mm
Weight	22 kg
Voltage	50.4 V
Capacity	66 Ah

Any questions?

Contact us, we will be pleased to advise you.

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