

HYPERION LONG LIFE 20

Robust and durable high-voltage lithium-ion battery for a self-sufficient energy supply



E-Mobility



Drive
System



Energy Storage
Systems



Power- and
Garden Tools



Industrial



Medical

made in GERMANY
BMZ approved quality



HYPERION LONG LIFE 20

Robust & secure

- 20-year service life & warranty
- Metal housing for system and battery modules
- 2-channel security architecture
- Independently verified security

High flexibility

- Expandable
- Floor stand, prepared for wall mounting
- Black start capable for emergency power/island operation
- BMZ Cloud-based automatic software updates

Easy installation

- Each module weighs only 22 kg.
- Can be operated by one person.
- Battery system can be set up in less than 30 minutes.

Low-noise

- Passive cooling



Indoor



Outdoor

TECHNICAL DETAILS

Technical features	Hyperion LL 20 Indoor	Hyperion LL 20 Outdoor
Energy (max.)	20.1 kWh	20.1 kWh
Nominal voltage	307 V	307 V
Capacity (max.)	66 Ah	66 Ah
Charging current (max.)	29 A	29 A
Discharge current peak (3s)	40 A	40 A
Discharge current (nom.)	30 A	30 A
Discharge power (max.)	9.2 kW	9.2 kW
Cycles	up to 10,000	up to 10,000
Operating ambient temperature	0 to 45 °C	-15 to + 55 °C
Enclosure protection class	IP21	IP54
Weight of single module	22 kg	22 kg
Dimensions of single module (W x H x D)	546 x 217 x 155 mm	546 x 217 x 155 mm
Weight of enclosure	41 kg	41 kg
Dimensions (W x H x D)	751 x 870 x 423 mm	751 x 870 x 423 mm
Interfaces / Compatibility	*CAN: BMZ POWER2GRID, SMA, Goodwe, SOFARSOLAR, Solis, Kostal / optional Ethernet for internet connection	*CAN: BMZ POWER2GRID, SMA, Goodwe, SOFARSOLAR, Solis, Kostal / optional Ethernet for internet connection
Certifications	IEC62619 / CE / UN38.3	IEC62619 / CE / UN38.3
Cell type	Li-Ion - BMZ Technology	Li-Ion - BMZ Technology
Areas of application	On Grid / On Grid + Backup / Off Grid	On Grid / On Grid + Backup / Off Grid
Warranty	20 years	20 years

*	Wechselrichter / Anbieter	Typ	Min. Firmware / Hinweis	HYPERION Min. Module	Mindest-Firmware
1	BMZ Group	POWER2GRID (10 kW)			
2	SMA	Sunny Boy Storage 3.7/5.0/6.0 Tripower Smart Energy	3.11.17.R 3.02.20.R	3 4	3.15.R 4.17.R
3	Goodwe	ET PLUS+ series (5-10 kW)	ARM Firmware V20	4	4.20.R
4	SOFARSOLAR	HYD 5K...20KTL-3PH and ME 5K...20KTL-3PH	V110022 or newer V110022 or newer	4 4	4.21.R 4.21.R
5	Solis	S6-EH3P(3-10)K-H-EU	V04-13 or newer	3	4.21.R
6	Kostal	PLENTICORE plus/BI	requires an activation code from Kostal	3	4.01.R

Any questions?

Contact us, we will be pleased to advise you.

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