

QuiPower Storage - Hydride



QuiPower Storage - Hydride is an energy storage system equipped with Swedish-developed battery technology with unique reoxygenating technology. The technology enables reconditioning of the batteries, in order to renew their function and achieve a long calendar and cycle life. The battery technology is developed by Swedish Nilar and is based on nickel-metal hydride. QuiPower Storage - Hydride is an excellent product for energy storage in buildings and offers both a safe and sustainable storage solution. The used batteries are returned and recycled, reducing the environmental footprint. The energy storage is used to optimize the property's energy usage or as backup power in case of power outages (in combination with QuiPower Off-Grid).

The energy storage is delivered with a built-in control unit (BMS) for continuous analysis and management of the energy storage's well-being. QuiPower Storage - Hydride is scalable with storage capacities from 12 kWh to 60 kWh. The energy storage is part of Enequi's QuiPower platform and is sold together with QuiPower Inverter and with an integrated QuiPower Core.

Order Data

Model name: QPS Hydride-12
Article number: 300517

Key Features

- Sustainable
- Reoxygenating technology
- Long lifespan
- Scalable from 12 kWh
- Compatible with the QuiPower-platform

The QuiPower platform

Designed to create energy comfort in properties. Whether you need intelligent energy storage, dynamic car charging, automated lighting control or backup power during power outages, QuiPower helps you make your property more energy efficient. Daytime. Nighttime. Anytime.



PRODUCT AND DATA SHEET QUIPOWER STORAGE - HYDRIDE

Technical specifications

Model	QPS Hydrid 12 kWh
Battery module quantity	8
Nominal voltage (V)	576
Voltage range (V)	528–768
Max. voltage output (V)	768
Max. current output (A)	20
Nominal charging/discharging current (A)	6
Max. power output (W)	4 600
Nominal capacity (kWh)	12
Available capacity (kWh)	9,12
Overvoltage category	II
Battery type	NiMH

General data

Dimensions (mm)	1030 x 681 x 630
Weight cabinet (kg)	150
Weight batteries (kg)	280
Total weight (kg)	430
Protection	IP 20
Ambient temperature (°C)	10 -+ 30
Altitude (m)	<2000

Standard

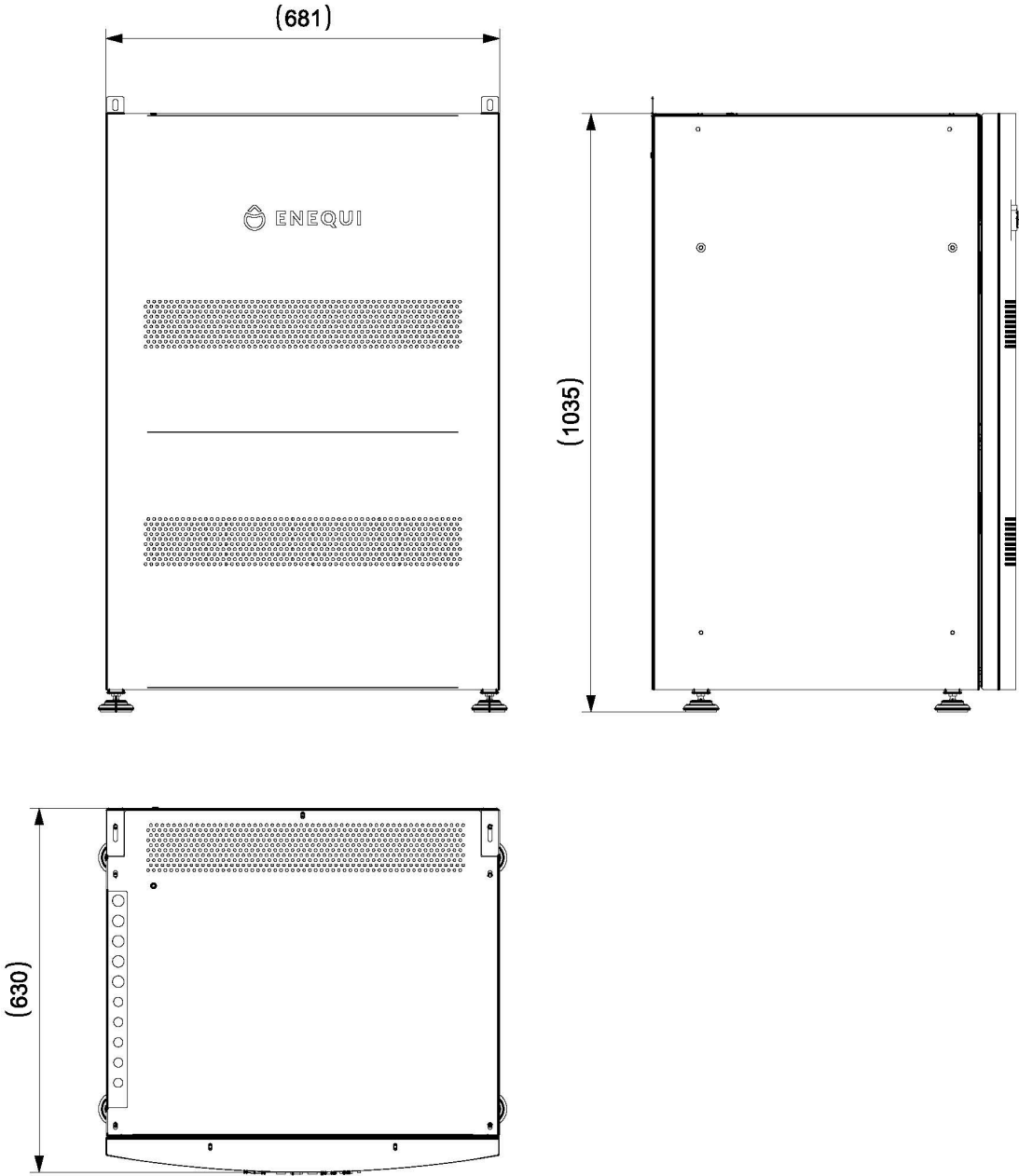
EMC	EN 61000-6-2,3
LVD	EN 61439-1,2



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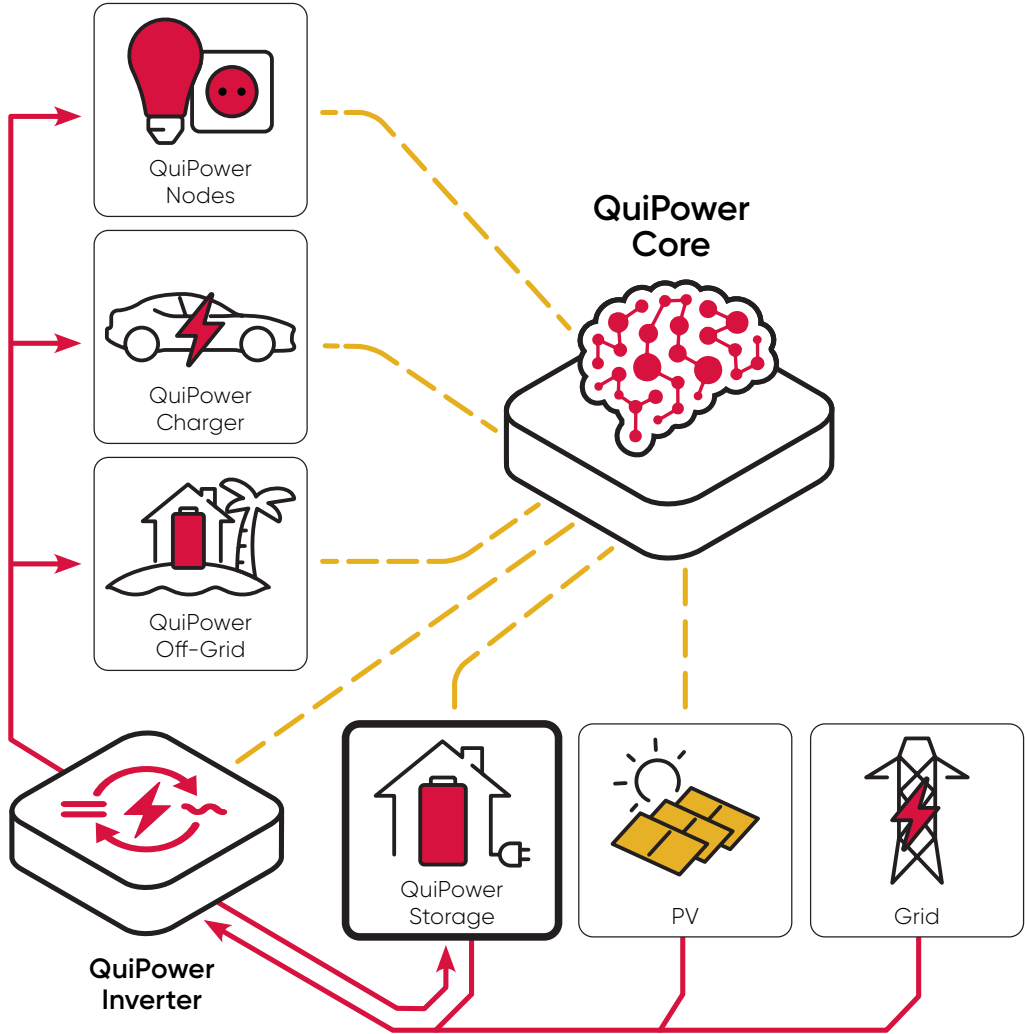
DRAWINGS QUIPOWER STORAGE - HYDRIDE



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SYSTEM OVERVIEW



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