

NERVE 200kWh BESS



Danish idea, development and design.
Completed by an outstanding international team.

The Nerve Smart Systems' **BESS** (Battery Electric storage system)

The Nerve Switch® operated battery system inside the **BESS** controls each individual battery cell independently. This ensures optimal lifetime, efficiency, safety, service, operation, and total cost of ownership.

The Nerve **BESS** is easy and quick to move and install without the normal challenges of civil works and grid connection complexity.

General

Manufacturer	Nerve Smart Systems Aps.
Dimensions (HxWxD)	2260 x 2586 x 1260 mm
Weight	approx. 2500 kg
Battery capacity	200 kWh
IP rating	IP 54

Input/ power connection

Grid connection	400 V, 50 Hz 3P + N + PE
	16 - 190 A
Cycle efficiency	>92%
Grid Inverter	66 kW – 166 kW

Certifications

Battery	EN 62619, UN38.3
	EN 60730
	Battery Directive 2006/66/EC

System	EN 63000, T.F.3.3.1
	IEC 61439-1 & -2

System

Cloud connectivity	3G / 4G / 5G
Cloud API	NSS gRPC
	Aggregation agnostic

Operating conditions

Temperature range	-25 to +40 C
	plus solar loading
Noise emission	<73 dB (A)
EMC	IEC 61000 class A
Altitude	<2000 m

Summary

- Plug 'n' play: can use existing 16 - 190 A connection
- No civil work required
- Provides BESS functionality for grid services
- No downtime: automatic and seamless battery State of Charge reset
- Remote monitoring via Cloud connection (3G/4G, 5G optional)
- Requires only 2,6 x 1,3 m for installation

Mechanical dimensions



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