

ZPARK BUFFER 450

Product sheet



Zpark Buffer is a compact energy storage solution that provides flexibility to the energy system and stabilizes the local power grid. It enables for peak load reduction, energy costs cuts, and maintaining reliable operation during power swings or short interruptions.



Safe and secure

Compact energy storage that stabilizes the grid and reduces peak loads. By easing grid pressure during high-consumption periods, it lowers energy costs and helps avoid demand charges.



Compact and scalable

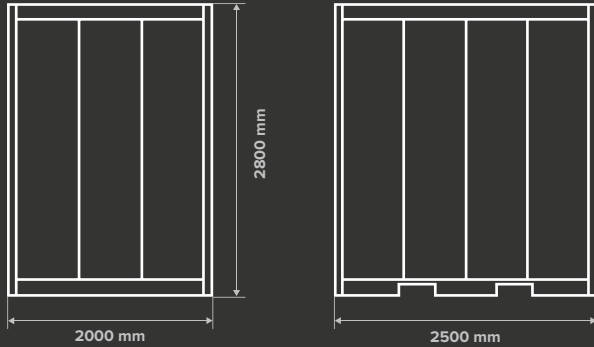
A space-efficient 450 kWh unit, easily integrated on-site and expandable as your energy needs grow.



Effective and resilient

Designed and manufactured in Sweden with focus on a trustworthy supply chain. Hosted and operated on our own data centers ensuring data integrity, transparency, and long-term operational security.

ZPARK BUFFER 450



Technical Specifications

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| Model | Zpark QxB 450-0-400 |
| Model description | Zpark Buffer 450kWh with 400kW Battery system only |
| Grid connection (limitable in software) | 480A 2xAL/CU_300 mm ² 380-480V 3-phase |
| Connection power | 380kW @ 460-480V 330kW @ 400V |
| Vehicle charging connections | N/A (battery only) |
| Dimensions | Excl. Edge Protection: W 2000mm D 2500mm H 2850mm |
| IP Rating | IP43 |
| Storage system capacity standard | Energy: 450kWh Power: 600kW Peak (10min), 450kW Peak (45min), 330kW continuous |
| Redundant connectivity | LTE & Ethernet |
| Operation ambient temperature | -30 to 40degC |
| Compliance | IEC61851, IEC 62933-5-2, IEC 62619, UN38.3 |