

PEES Power Systems

10MWh Data Center Battery Cabinet for Edge Computing



 **TAX FREE**

1-3MWh

BESS



10MWh Data Center Battery Cabinet for Edge Computing



HPL Lithium-Ion Battery Energy Storage System , Vertiv(TM)

Designed by data center experts for data center users, the Vertiv(TM) HPL battery cabinet brings you cutting edge lithium-ion battery technology to provide compelling savings on total cost of ownership, ...

x y } { x y Edge Distributed Data Center Power Architec

Your Bottom Line. Transformed e need for excess equipment and single points of failure in your office. By delivering 480vac directly to the frame and battery storage local to your oad equipment, the Edge ...



Vertiv(TM) EnergyCore, Lithium Ion Battery Cabinet

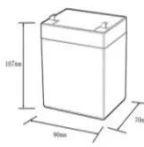

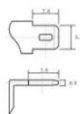
The Vertiv(TM) EnergyCore Li5 and Li7 battery systems deliver high-density, lithium-ion energy storage designed for modern data centers. Purpose-built for critical backup and AI compute loads, they ...



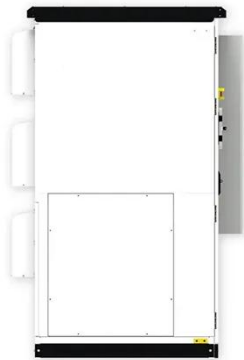
Vertiv Introduces Fully Populated, High-Density Lithium Battery

"With our Vertiv EnergyCore battery cabinets, we are delivering exactly what our customers and our industry need - compact, high-density energy storage capable of operating safely ...

12.8V6Ah

- Nominal voltage (V):12.8
- Nominal capacity (ah):6
- Rated energy (WH):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (a):6
- Floating charge voltage (V):13.6-13.8
- Maximum continuous discharge current (a):10
- Maximum peak discharge current @10 seconds (a):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):0-+50
- Discharge temperature (°C):-20-+60
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5c, 100%doD): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):90*70*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds



Rack Lithium Batteries for Edge Computing Infrastructure

Rack lithium batteries are an excellent power protection solution for edge computing infrastructure, offering benefits such as high power density for a compact footprint, longer lifespan reducing total ...

Micro Data Centers for Edge Computing , EdgeRack Cabinets

House your entire edge computing infrastructure in a single secure, prefabricated micro data center cabinet with self-contained cooling, monitoring, & more.



Edge Distributed Data Center Power Architecture

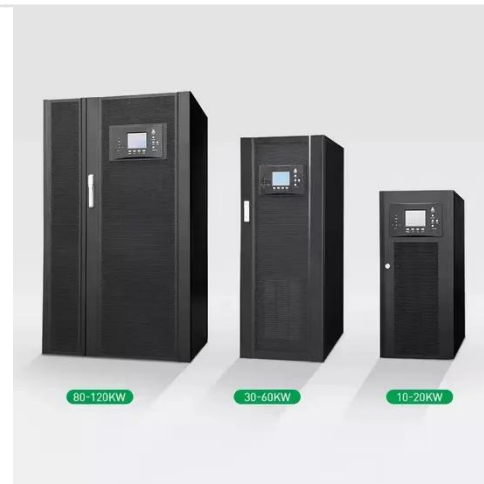
Highvoltage Battery



Factor in the reduced number of power conversion steps this power architecture uses - and the associated improvements in power efficiency it provides - and you have a single solution capable of ...

Edge Distributed Data Center Products , OmniOn Power

The highly reliable Edge distributed power architecture provides a cost-effective solution to backup power needs in data centers by utilizing compact DC power supplies mounted inside - on the side ...



Edge Infrastructure , nVent DATA-SOLUTIONS

A complete physical infrastructure solution for edge nodes. Easily deploy, manage and scale your edge computing 5G & 6G infrastructure with our rugged cabinets, power management solution and remote ...

Technologies & Trends

Explore what Edge computing is and how it (and the right IT enclosure system) can

handle scalability, security, protection, disruptors, and standalone solutions.



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.peregrine-energy.co.za>

