

PIENAAR ENERGY (PTY) LTD

Data Center Rack 500kW Project Solution



Data Center Rack 500kW Project Solution



Liebert® DSE 400-500kW , Freecooling , Packaged

With a highly flexible design, the solution is available in perimeter and rooftop configurations in 400kW and 500kW capacities. The package integrates all cooling system components in a small-footprint. It ...

[Get Price](#)

High-power liquid cooling design: direct-to-chip solution requirements

In this article, we will explore assumptions and calculations for direct liquid cooling a high-power rack, comparing both single-phase and two-phase solutions and leave the reader with specific ...



[Get Price](#)

Enabling 1 MW IT racks and liquid cooling at OCP EMEA Summit

The first embodiment of this work is an AC-to-DC sidecar power rack that disaggregates power components from the IT rack. This solution improves the end-to-end efficiency by ~ 3% while

[Get Price](#)

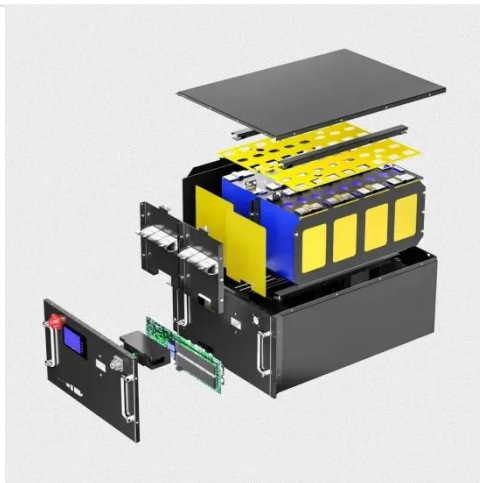
Prefabricated IT Data Hall, 500kW, 97 Racks, Perimeter CW Cooling ...

Prefabricated Modules are designed and built to precise specifications in a controlled factory environment and utilize DCIM software which results in improved reliability and a more predictably ...

[Get Price](#)**215kWh**

8,000+ Cycles Lifetime

IP54 Protection Degree



Google Pushes 1 MW AI Rack Power Architecture and Liquid Cooling

Google is collaborating with Meta and Microsoft under the Mt Diablo project to standardize this new high-voltage power architecture, leveraging the mature EV supply chain for scale and ...

[Get Price](#)

Hyperscalers prepare for 1MW racks at OCP EMEA; Google ...

At the OCP event in Dublin this week, all three companies reiterated that racks with AI-focused IT hardware could reach more than 500kW each before 2030, and 1MW not long after. In ...

[Get Price](#)



Pre-engineered Modular Data Center Solutions 500 1500 kW IEC ...

ABB's modular, prewired, and pretested solutions provide for a fast and smooth startup with minimal site and civil works, thereby reducing risk and enabling speed to deployment. With a robust architecture, ...

[Get Price](#)

Schneider Electric Launches New Data Center Solutions to Meet

Schneider Electric's new line of solutions equips customers with integrated, data-validated, and easily scaled white space solutions that address new challenges in pod and rack ...

[Get Price](#)



Dell AI Factory Transforms Data Centers with Advanced

Cooling, High



This Open Compute Project (OCP) standards-based rack is ideal for large-scale deployment and features a futureproof design for multigeneration and heterogeneous technology ...

[Get Price](#)

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://pienaarshof.co.za>

