



Company Profile

Prepared by
Dominic Spooner, CEO and Founder

Smart Energy Redefined_____



Who we are _____

Vaulta is a technology company specializing in advanced energy storage solutions, offering innovative, comms-enabled lithium battery systems for reliability and efficiency.

Our focus on repairable, reusable, and recyclable battery systems ensures dependable and renewable power for critical operations at home, in business, and on worksites. With expertise in manufacturing, engineering, design, and support, Vaulta is your trusted partner in energy solutions.



Expertise



LET'S MAKE IT REAL

From Idea to Reality

We transform visionary concepts into innovative battery solutions, guiding clients from inspiration to completion.

Design Workshops

We facilitate collaborative workshops to brainstorm and refine ideas, ensuring your battery projects are well-defined and set for success.

Energy Management Consulting

We facilitate collaborative workshops to brainstorm and refine ideas, ensuring your battery projects are well-defined and set for success.

Custom Battery Solutions

We create tailored battery systems for various applications, leveraging our expertise to deliver effective and sustainable solutions.

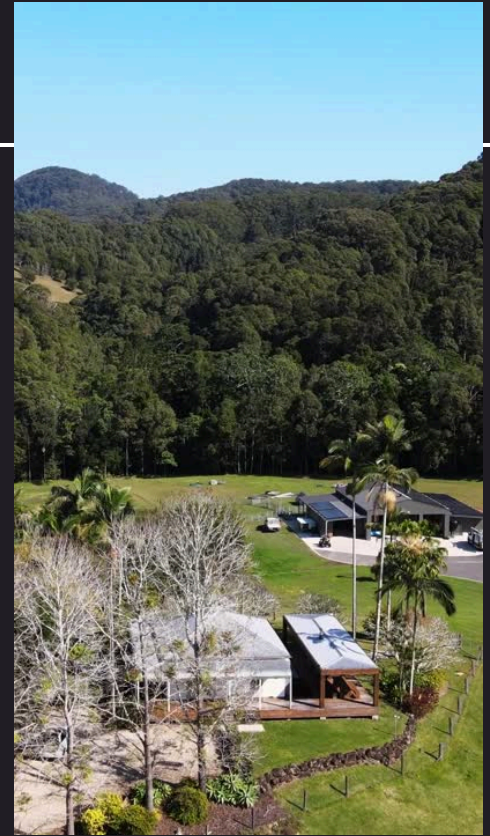
Our work: _____

Cudgen Micro-Grid

Vaulta partnered with Coastal Green Electrical to provide a battery bank to take an entire property off-grid in northern NSW. The battery bank provides ample backup power in conjunction with 20kW of Enphase solar and a backup generator. The customer specifically chose Vaulta for being Australian made and the most sustainable option on the market.

"I have used Vaulta batteries on several projects ranging from 28kWh to 86kWh storage. The batteries are extremely robust and have excellent performance. I look forward to using them in the future and would highly recommend them for any project."

Adrian - Coastal Green Electrical



Our work: _____ Canberra Airport CPS Tech

Vaulta partnered with CPS Tech to provide a UPS-style battery bank for outdoor installation at Canberra Airport. This solution is essential for powering a critical light fixture, ensuring reliable operation and safety at the airport. Our collaboration with CPS Tech also included support in various technical deliverables to optimize the installation and performance of the battery system.



Our work: _____ Zaytuna Farm

Vaulta partnered with The Off Grid Shop to provide a battery bank for a permaculture farm near Lismore in NSW. The farm has regulary fluctuating energy needs and the battery bank provides ample energy security in conjunction with multiple solar arrays and a backup generator. The customer specifically chose Vaulta for being aligned with the mission of the farm.

"They fit what we do...we can have quite big requirements...We've got to be able to take those different pulses."

Jeff - Zaytuna Farm

"One of the biggest reasons we use Vaulta is becuae the battery is repairable."

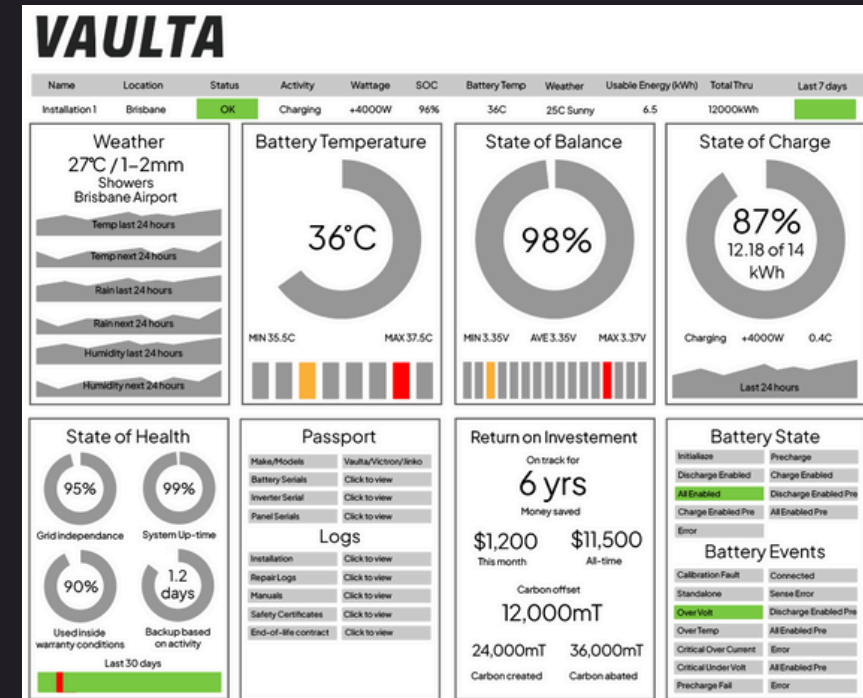
Mike - The Off Grid Shop



Our work: AI/ML IoT Battery Platform

Vaulta has developed an AI and ML-driven battery asset monitoring software that works with affordable, customized IoT devices.

This solution captures detailed data on battery usage, health, and performance. It also calculates carbon offsets, provides insights into return on investment, and ensures traceability for sustainability reporting and recycling access. Additionally, it generates reports and maintenance recommendations based on detected trends and anomalies.



VAULTA										
Installations Alerts Settings										
Enter a name or location										
Name	Location	Status	Activity	Wattage	SOC	Battery Temp	Weather	Usable Energy (kWh)	Total Thru	Last 7 days
Installation 1	Brisbane	OK	Charging	+4000W	96%	36C	25C Sunny	6.5	12000kWh	
Installation 2	Newcastle	ERROR	Overcharge	0W	96%	36C	21C Sunny	12	12000kWh	
Installation 3	Brisbane	OK	Charging	+4000W	96%	36C	25C Sunny	9	12000kWh	
Installation 4	Brisbane	ERROR	Over-Temp	0W	76%	36C	25C Sunny	9	12000kWh	
Jones	Brisbane	OK	Charging	+4000W	96%	36C	25C Sunny	9	12000kWh	
Spooner	Brisbane	OK	Charging	+4000W	96%	36C	25C Sunny	9	12000kWh	
Installation 5	Brisbane	OK	Discharging	-4000W	96%	42C	25C Sunny	9	12000kWh	
Installation 6	Brisbane	OK	Charging	+4000W	96%	36C	20C Rain	9	12000kWh	
Installation 7	Brisbane	OK	Charging	+4000W	96%	36C	25C Sunny	24	18000kWh	
Installation 8	Brisbane	OK	Charging	+4000W	96%	36C	25C Sunny	9	12000kWh	
Installation 10	Brisbane	OK	Charging	+4000W	96%	36C	25C Sunny	9	12000kWh	

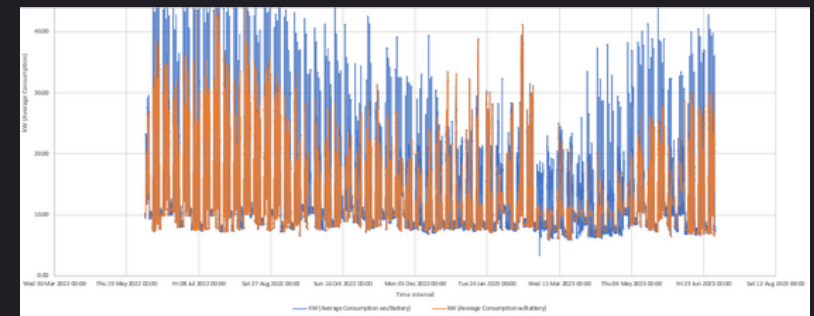
Our work: _____

Uni of Melb

Vaulta conducted a peak shaving and energy storage feasibility study for the University of Melbourne. The university faces significant demand fluctuations throughout the day, especially during peak usage hours. Our study aimed to assess how energy storage could help alleviate these peaks and enhance energy efficiency on campus.

The findings from the study suggested effective strategies for integrating energy storage solutions, ultimately leading to reduced costs and improved energy resilience for the university.

The results remain confidential.



Core Team



Dominic Spooner

Vaulta founder and CEO

12 years in batteries and product design and engineering.

Your first point of contact

dominic@vaulta.com.au



Kelly Correll

Operations Manager

Decades of experience in supply chain and construction.

Your main point of contact

kelly@vaulta.com.au



Jerome Douven

R&D Engineer

Qualified mechanical engineer and battery expert,

Tech support and engineering.

jerome@vaulta.com.au



Eren Nik

Testing Engineer

Qualified electrical engineer and diagnostics expert,

Testng and evaluation.

eren@vaulta.com.au

Conditions of contract

Please see our conditions of contract here



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Awards and recognition





What next?

We thank you for the opportunity to submit a proposal.

If you have any queries about the proposal please don't hesitate to get in touch.

To get started, we need written approval by email and the next communications will come from Vaulta's Xero account.

Dominic Spooner

0412 577 911

dominic@vaulta.com.au

www.vaulta.com.au

Vaulta Operations Pty Ltd

ABN 18 652 703 538

53 Holland Street, Northgate, 4013, QLD, Australia

