

Capability Statement



DEVELOPING RELIABLE STORAGE SOLUTIONS



ABOUT US

PowerPlus Energy is a technology-based company focused on the development of reliable, long lasting energy storage solutions for commercial and residential applications.

PowerPlus Energy's market leading designs allow for simple operation whilst maximising life, providing a lasting investment.

With a focus on reliability and longevity, PowerPlus Energy's design philosophies incorporate the use of appropriate technologies suited to the application with a design flare that pleases the eye.

PowerPlus Energy's management team has over 80 years' experience in battery storage, renewable energy, UPS, manufacturing and engineering

SERVICES

- Designer and manufacturer of Lithium batteries
- Designer and manufacturer of Energy storage solutions
- Designer of Battery Management Systems and software
- Designer and manufacturer of system remote monitoring software
- Energy storage design advice services
- Custom battery and storage solutions



COMPANY SNAPSHOT

PowerPlus Energy PTY LTD

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Address: 4, 21 Power Road, Bayswater, Victoria 3153, Australia.

Established: 2017

Director: Kristin Paton

Director: Simon Chan

CEO: Bradley Paton

Sales Marketing Manager: Craig Hunter

BDM: Mark "Karl" Edmondson

Co-founded by Simon Chan and Bradley Paton.

Bradley Paton, boasting over 30 years' experience in delivering storage solutions to the Telecom, Rail and Energy industry brings expertise in understanding the markets needs for storage solutions.



Simon Chan since 1985 has focused his electrical, electronics & engineering skills in the research and development of leading-edge products. In 2015, he was awarded Australian Computer Society most prestigious title "Digital Disruptor".



Craig Hunter's knowledge of the solar & storage market plus his 21 years' experience allows PPE to capitalise on the local and global markets. Craig brings strength to Sales and Marketing as well a thorough understanding of manufacturing and structuring growing businesses.



Karl Edmondson, a well-respected and knowledgeable individual with 13 years' experience in energy efficiency, solar & battery system design, solar & storage applications, data analytics, and sales. Karl brings a diverse range of skills to the sales development team.



CASE STUDY

Company: Off-Grid Energy Australia

Location: Australia

Application: Off Grid Storage remote home.

Storage Inverters:

3 x Selectronic SP PRO SPMC482, 7.5kW, 48VDC Multi-mode inverters

Total output: 21.5kW 3Phase

Storage:

25 x PowerPlus Energy LiFe4833P 3.3kWhs battery modules, Self-Managed.

Total Capacity: 82.5kWhs capacity



CASE STUDY

Company: CD Power

Location: Australia

Application: Off Grid Storage for Remote oil wells. Diesel Replacement/Offset

Storage Inverters:

IPS Exeron Off Grid FX

Total output: 24kW 3Phase

Storage:

48 x PowerPlus Energy LiFe4833P 3.3kWhs battery modules, Self-Managed.

Total Capacity: 105.6kWhs capacity



CASE STUDY

Company: Lean Energy

Location: Australia

Application: Off-Grid Storage upgrade. Lithium batteries replacing aqueous salt water batteries.

Storage Inverters:

3 x Selectronic SP PRO SPMC482 Multi-mode Inverters, 7.5kW, 48VDC Multi-mode inverters

Total output: 21.5kW 3Phase

Storage:

20 x PowerPlus Energy LiFe4833P 3.3kWh battery modules, Self-Managed. Extra cabinet to allow upgrade in future

Total Capacity: 66kWhs



CASE STUDY

Company: CEI Services

Location: Australia

Application: Off Grid Storage (Diesel recharge) to power Upper and Lower Yarra Dam during strengthening works. Main HV Lines are being removed during construction.

2 x self-containerised systems across 2 sites

Site 1: Storage Inverters:

3 x Selectronic SP PRO SPLC1202, 20kW, 120VDC Multi-mode Inverters

Total output: 60kW 3Phase

Site 1: Storage:

60 x PowerPlus Energy LiFe12033P

3.3kWhs battery modules, Self-Managed.

Total Capacity: 198kWhs capacity

Site 2: Storage Inverters:

3 x Selectronic SP PRO SPLC1202, 20kW, 120VDC Multi-mode Inverters

Total output: 60kW 3Phase

Site 2: Storage:

30 x PowerPlus Energy LiFe12033P

3.3kWhs battery modules, Self-Managed.

Total Capacity: 99kWhs capacity



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