



POWERPOD

— WWW.POWERPOD.CO.NZ —

PowerPod Solar Trailer

**Mobile Solar Power For
Demanding Worksites**

Battery Storage - Solar Generation - 230v Power - Remote Monitoring



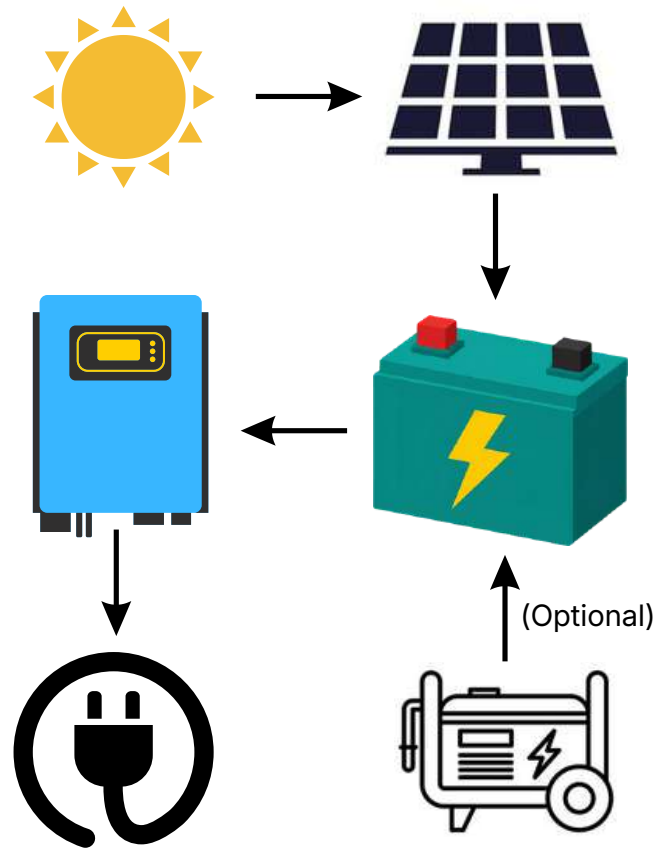


Power Where You Need It

The PowerPod Solar Trailer is a mobile battery and solar power system designed to provide reliable electricity wherever mains power isn't available or practical.

Instead of continuously running a diesel generator, the Solar Trailer stores energy in a high-capacity lithium battery and uses solar generation to replenish that energy throughout the day.

The result is a mobile power system that can operate quietly, reduce fuel consumption and provide dependable 230V power for demanding temporary applications.



Quiet

Battery powered operation without a continuously running combustion engine



Solar Powered

Generate energy throughout the day and store it for later use



Mobile

Tow the complete power system directly to the job site



Solar Trailer

**Built For long-Duration
Temporary Power**

Configurable

Battery Capacity
2.5-100+kWh

Inverter Capacity
0.8-30+kW
Single or three phase

Solar Panels
0 - 30 kW

Designed Around The Application

Every project has different power requirements. PowerPod Solar Trailers can be configured around the required battery capacity, inverter output and solar generation.

Typical Applications

- Construction
- Civil & roading
- Infrastructure
- Events
- Remote worksites
- Emergency power

Applications And Advantages



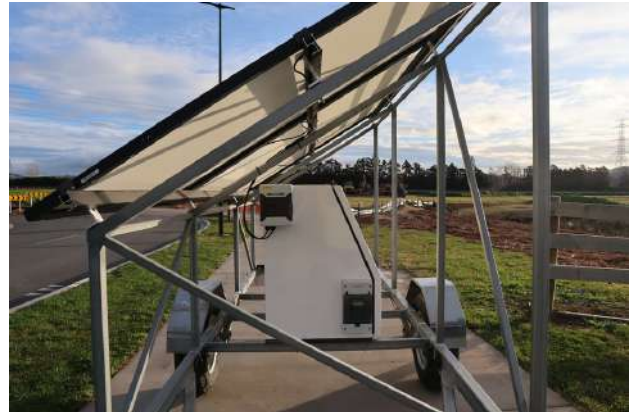
Construction

Power Tools - Lighting - Pumps -
Temporary Facilities



Infrastructure

Roading - Civil Works - Utilities -
Site Offices



Events

Food & Beverage - Lighting - Audio -
Temporary Facilities



Remote Power

Communications - Monitoring -
Refrigeration - Backup



Why Choose A Solar Trailer?



Quiet

Reduce
Noise at
the
worksite



Solar

Generate
energy
during day
light hours



Storage

Use store
energy when
solar isn't
available



Less Fuel

Reduce
reliance on
fuel-powered
generation



Mobile

Take the
system
where its
needed



Monitoring

Monitor
system
performance
remotly

Technical Data



Specification	Standard Configuration	Custom Configuration
Battery Chemistry	LIFEPO4	Lifepo4
Battery Capacity (configurable)	5.6kWh	2.5 - 100+kWh
Battery Voltage	51.2v	Application Dependant
Continious Inverter Output	230v AC - 50Hz 4000w @ 25 °C	0.8kW - 30+kW Single or three phase
Max Inverter Output	7kW/1min	Dependent on configuration
Solar capacity (Configurable)	1425w	0 - 30kW
AC Input	5750w	Dependent on configuration
Remote Monitoring	Victron Remote Monitoring	Dependent on configuration
Generator intergration	Yes - Auto stop/start	Dependent on configuration
Operating Temperature	0 °C -50 °C	Dependent on configuration
Enclosure Protection	IP54	Dependent on configuration
Weight	650kg	Dependent on configuration
Dimensions	4800mm L 1800mm W 2240mm H	Dependent on configuration

Need Temporary Power?

**Lets design the right solar
trailer for your project.**

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