



**Portable  
Power  
Technology**

# Keeping you powered wherever you are



We've been supplying creative and efficient power and lighting solutions to leisure, mobile and off grid applications for over 15 years. This experience has given us a commitment to high quality, innovative products which deliver the right solution for your specific needs—from inverters to portable power packs. Our solar solutions also supply clean and renewable power.

**Need help?....Call our team now on 01474 761051**

# Powerpacks: Portable and innovative power for glamping

Portable Power Technology (PPT) are specialists in off grid lighting and power and offer a wide range of solutions perfect for the glamping market. Our power packs deliver innovative and portable power to provide basic rechargeable electricity and lighting

## Powerpack 100+

Silent, lightweight and innovative portable power thats perfect for off grid outdoor activities, cabins, glamping tents, garages, market stalls and for basic backup during a power cut. Provides basic AC and DC electricity from a powerful 150 Watt hour lithium ion battery and is rechargeable from both grid and solar.

### Features

- » 100W AC output
- » Powerful and safe 150 Watt hour battery
- » 12V and USB connectors for device charging and light
- » Small, portable and lightweight
- » Flexible charging - AC, Car or solar
- » Ideal for small TV, laptop, fan and LED lights



All our powerpacks are solar ready...just add a suitable solar panel for easy and effective charging

## Powerpack 300+

Powerful and lightweight 465 Watt hour powerpack that can power a fridge, TV and lighting through a high quality inverter and USB port to recharge mobile devices and power NIWA lamps. Rechargeable from both the built in grid charger and solar (optional) the Powerpack 300+ also has a built in UPS function to provide power back up.

### Features

- » 300W AC output
- » Powerful and safe 465 watt hour battery
- » 12V and USB connectors for device charging and to power lights
- » Portable and lightweight
- » Rechargeable from AC and solar
- » UPS function provides power back up if grid fails
- » Ideal to power a small fridge, TV, fans, laptop and LED lights



## Powerpack 450+

The newest addition to our powerpack range, lightweight, rugged and solar rechargeable. The Powerpack 450+ delivers on all the features required to provide safe and flexible electricity in glamping tents, garages and log cabins.

### Features

- » 450W high quality AC output
- » Powerful and safe 445 Watt hour battery
- » 12V and USB output connectors for device charging and NEW high power Type C connector to directly power certain laptops
- » Portable and lightweight
- » Flexible charging - AC, Car or solar
- » Strong aluminum alloy case
- » Ideal to power a small fridge, TV, fans, laptop and LED lights



Add NIWA USB lights to our powerpacks to make a unique and flexible lighting solution



Connect a solar panel to any of our powerpacks to stay off grid for longer

# Solar lighting and basic power: Exclusive solutions for glamping

Portable Power Technology are the exclusive UK distributor for NIWA Solar. Engineered in Germany, these modular solar systems are innovative and expandable to deliver light and basic DC power wherever it's required



## NIWA Home 200 System

All in one, safe and easy to install modular solar system that provides bright, efficient lighting and device charging via USB. The Home 200 System is small and lightweight and is fully expandable by adding more lights and battery packs that simply click into place.

### Features

- » High quality modular design
- » Fully expandable with energy upgrade packs
- » 2 LED ceiling lamps with 3 brightness levels
- » USB ports for device charging and to power other USB devices
- » Rechargeable from solar and AC
- » Provides up to 20 hours of lighting on a full charge



## NIWA Home 300 Lamp

High brightness USB powered light that is strong, robust and waterproof. The Home 300 is ideal for glamping tents and for use with any PPT Powerpack.

### Features

- » Low energy
- » High brightness – 300 Lumens
- » Dimmable - 3 light modes
- » Easy to install
- » Works brilliantly with any PPT powerpack solution



NIWA products were developed as energy and lighting solutions for people living without electricity.. delivered by high quality German engineering

Add a NIWA upgrade pack to increase energy storage and solar charging

## NEW....NIWA Energy 50

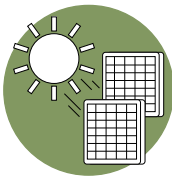
New and powerful, the NIWA Energy 50 can provide 150 Watt hours of energy to support NIWA solar TV, DC fan and lights. Designed for larger rooms or glamping tents the Energy 50 is the perfect "out the box" solar rechargeable solution for lighting and DC power

### Features

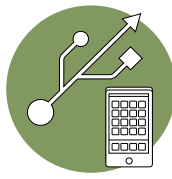
- » High energy 150 Watt hour lithium battery
- » Powerful and efficient 50W solar panel
- » High brightness and dimmable LED lamps provide up to 30 hours of light
- » 12V and USB output for flexible power
- » Supports latest NIWA solar TV and fan



Ideal for off-grid & remote location



High efficiency solar charging



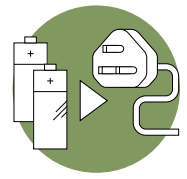
USB Output for charging mobile devices



Portable



Innovative design



Inverter

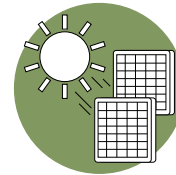
# Off Grid and Solar Hybrid Solutions

PPT have partnered with TBB Power GmbH offering small to medium scale off grid and solar hybrid solutions. These fully integrated systems coupled with suitable solar array and battery bank enable fast and easy deployment and instantly provide mains power to small and medium off grid buildings such as cabins, beach and shepherd huts, glamping pods and small holiday homes.

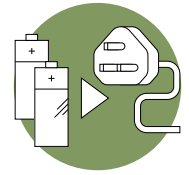
The Solar Energy Intelligent System (SIES) is designed to deliver a quality 230V power supply when grid is unstable, not available or just to reduce energy dependence, utilising green energy as priority. Bluetooth and wireless options provide



Ideal for off-grid & remote location



High efficiency solar charging





Inverter

remote monitoring of the system via phone app or cloud-based web application.

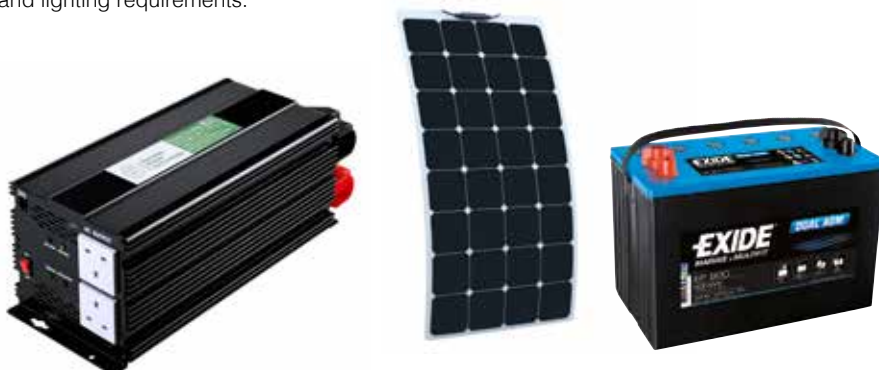
PPT can help deliver the best off the shelf or bespoke solution for your application, just give us a call.

## Silent, intelligent and configurable mains power using SIES

 <p><b>SIES Mini</b> keeps it simple - it requires no further configuration with minimum connections making installation fast and easy.</p> <p>The elements of the Solar Energy Intelligent System (SIES) Mini are:</p> <ul style="list-style-type: none"> <li>» Bi-directional 900W-1700W 12V or 24V inverter charger with integrated solar charge controller</li> <li>» Smart Box - Energy management system, battery meter and circuit breakers</li> <li>» Cyber Central monitor with Bluetooth and Wifi</li> </ul>	 <p><b>SIES</b> is a larger more powerful and fully integrated system that delivers up to 7000 watts of mains power with minimum connections.</p> <p>The elements of the Solar Energy Intelligent System (SIES) are:</p> <ul style="list-style-type: none"> <li>» Bi-directional 2500W-7000W 12V/24V or 48V inverter charger</li> <li>» Solar Mate 60A MPPT Controller</li> <li>» Smart Box - Energy management system, shunt, circuit breakers and AC/DC connections</li> <li>» Cyber Central monitor with Bluetooth and Wifi</li> </ul>
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## Looking for a custom power solution?

Silent and hassle-free mains power: Inverters convert your battery power to usable mains 230V to run your appliances. With 15 years' experience in off grid and power back up that include custom products to West Africa, we can help deliver the right solution for your application. We supply power inverters, batteries, solar panels and controllers to create a bespoke system. PPT can also offer energy efficient accessories - TV, fridge, microwave oven, kettle and low power pc to complement and help meet your off grid or back up power and lighting requirements.



Find out more about our power and solar lighting solutions:

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