



**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 that's 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 polymer 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 400+

The newest addition to our powerpack range, lightweight, rugged and solar rechargeable. The Powerpack 400+ delivers on all the features required to provide safe and flexible electricity in glamping tents, garages and log cabins.

Features

- » 400W high quality AC output
- » Powerful and safe 445 Watt hour battery
- » 12V 15A and USB output connectors for device charging and to power lights
- » Portable and lightweight
- » Flexible charging - AC, Car or solar
- » Rugged 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

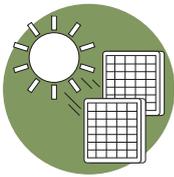
New and powerful, the NIWA Energy 50 can provide 150 Watt hours of energy to support NIWA solar TV, DC fan and lights. Designed for larger rooms or glamping tents the Energy 50 is the perfect "out the box" solar rechargeable solution for lighting and DC power

Features

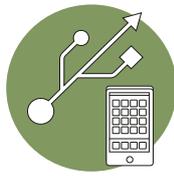
- » High energy 150 Watt hour lithium battery
- » Powerful and efficient 50W solar panel
- » High brightness and dimmable LED lamps provide up to 30 hours of light
- » 12V and USB output for flexible power
- » Supports latest NIWA solar TV and fan



Ideal for off-grid & remote location



High efficiency solar charging



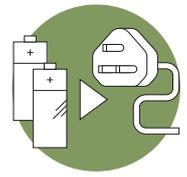
USB Output for charging mobile devices



Portable



Innovative design



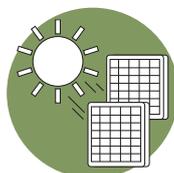
Inverter

Looking for a custom power solution?

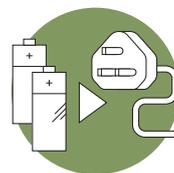
With 15 years experience in off grid power and lighting that includes custom products to West Africa, Portable Power Technology can help deliver the right solution for your application. We supply power inverters, batteries, solar panels and controllers creating a bespoke system to specifically meet your off grid or back up power and lighting requirements.



Ideal for off-grid & remote location



High efficiency solar charging



Inverter



Silent and hassle free mains power:

Inverters convert your battery power to useable mains 230V to run a range of appliances such as a TV, fridge, fan, microwave ovens and PC. They run silently without the need for a generator and we offer power ratings from 300W all the way up to 5000W in 12V and 24V. All our inverters come with a two year warranty and we offer the option of a built in AC transfer switch and battery charger to enable quick and effective changeover to and from AC if available.

Looking after and recharging your batteries

Inverters rely on a suitably sized battery bank to power them. When empty, these batteries need to be recharged from grid using a suitable battery charger or from a solar panel during the day. PPT can provide battery charger products and solar panels to help keep the batteries charged and in tip top condition. We offer many solar panel solutions that include static, folding and flexible options and we provide everything required to fit and connect the solar charging to your battery system.

How long will it last?

Inverters are great for two types of application; high power for short periods and low power for long periods. For example, a 50W load like a TV draws approximately 4.5 amps so with 50 amp hours available in a typical leisure battery, you could watch TV for more than 10 hours or run a microwave and power tools for short periods. PPT can help you decide on how much energy you need to store and to power your appliances, just give us a call.

Lighting and Accessories

Need lights, TV, Fridge, microwave, kettle or low power PC? We can supply the most energy efficient solutions ensuring you get the most from our products and to guarantee "out of the box" compatibility with our systems.



Find out more about our power and solar lighting solutions:

Telephone:
+44 (0)1474 761051

Email:
sales@portablepowertech.com

Web:
www.portablepowertech.com



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