



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 powerpacks. Our solar solutions also supply clean and renewable power.

Want expert advice to get off grid? Call our team on +44 (0)1474 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 450+

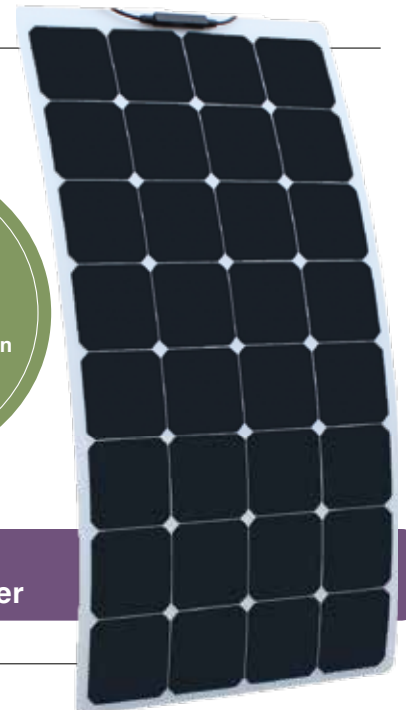
The best selling Powerpack 450+ packs a punch. Lightweight, powerful, rugged and solar rechargeable it delivers AC and DC from a 450 watt hour lithium ion battery to provide safe and flexible electricity in glamping tents and log cabins.

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

Bluetti EB120 Powerpack

Introducing the new EB120 - A powerful, highly advanced and class leading solar rechargeable portable powerpack that delivers AC and DC for more demanding applications. Of exceptionally high quality and robust design, the EB120 is packaged in a lightweight and ruggedised aluminium alloy body making this powerpack extremely versatile and ideal for glamping tents and log cabins.

Features

- » 1000W high quality AC output
- » Powerful and safe 1200 watt hour battery charging and NEW high power Type C connector to directly power certain laptops
- » Portable and lightweight
- » Backlit LCD display to show battery status and load output power
- » Flexible charging from AC and powerful solar charging with up to 500W PV array
- » Ideal to power small fridge, travel kettle, TV, fans, radio, laptop and LED lights



Powerpacks: NEW for 2019 the Powerpack 2000R

**NEW
FOR 2019**

We proudly introduce the newest addition to our range the exclusive Powerpack 2000R delivering the highest power and capacity whilst still being portable enough to move around.

Powerpack 2000R

Developed by PPT to provide sufficient energy to power appliances such as a small kettle, microwave, fridge and more standard lower power loads like mobile device charging and LED lighting; the Powerpack 2000R is ideal to deliver electricity to more demanding and larger glamping structures allowing a longer stay between swap outs and recharge. A higher capacity battery option of 2700 watt hour is also available on request.

Features

- » 2000W high quality AC output
- » Powerful and safe Lithium Ion 1900 watt hour battery
- » USB connectors for mobile device charging
- » Strong aluminium case
- » One man lift – portable and only 21kg
- » UPS function to provide immediate back up if grid fails
- » Flexible and fast charging from AC and Solar
- » Ideal to power larger AC loads and run longer



Solar lighting and basic power: Exclusive solutions for glamping

Niwa

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. NIWA USB LED lights with 3 way dimmer also available separately and they can be used with any of our powerpack solutions to provide low power lighting 12V and USB output connectors for device

Features

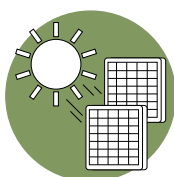
- » High quality modular design
- » Fully expandable with energy upgrade packs
- » 2 LED ceiling lamps with 3 brightness levels
- » USB ports for device charging and to power other USB devices
- » Rechargeable from solar and AC
- » Provides up to 20 hours of lighting on a full charge

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

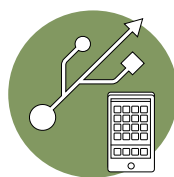
Add a NIWA upgrade pack to increase energy storage and solar charging



Ideal for off-grid & remote location



High efficiency solar charging



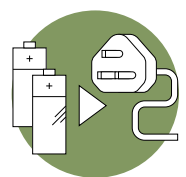
USB Output for charging mobile devices



Portable



Innovative design



Inverter

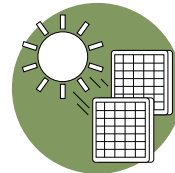
Off Grid and Solar Hybrid Solutions

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.

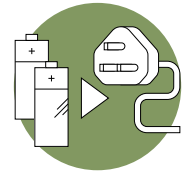
The Solar Energy Intelligent System (SIES) is designed to deliver a quality 230V power supply when grid is unstable, not available or just to reduce energy dependence, utilising green energy as priority. Bluetooth and wireless options provide



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 power using SIES and Apollo

Apollo keeps it simple with a fast and easy installable solar hybrid solution.



- » Bi-directional 12V/24V/48V inverter charger with AC output power from 1200W-4000W
- » Direct Solar input from 640W to 3840W PV array – integrated solar controller
- » Built in AC input and Output MCB (MPPT version only)
- » Optional Bluetooth/Wifi remote monitoring



SIES is a larger more powerful and fully integrated system that delivers up to 7000 watts of mains power with minimum connections.

The elements of the Solar Energy Intelligent System (SIES) are:

- » Bi-directional 2500W-7000W 12V/24V or 48V inverter charger
- » Solar Mate 60A MPPT Controller
- » Smart Box – Energy management system, shunt, circuit breakers and AC/DC connections
- » Cyber Central monitor with Bluetooth and Wifi

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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