

Solar Bespoke Commercial Systems

Tomorrow's Generation Today

» Renewable

» Peak Efficiency

» Quality

BPC Solar photovoltaic (PV) systems are an essential for the growing renewable market and convert free solar energy – the most abundant energy source on the planet – directly into solar power. They produce solar electricity in a noise-free environment without emissions of greenhouse or any other gasses.

Systems supply solar electricity to many applications ranging from private homes, commercial buildings or remote sites far away from human inhabitancy.

BPC can offer solutions directly connected into the main electricity "Grid Tie" network. This means that during the day, solar electricity generated can either be used immediately or sold to one of the electrical supply companies. In the evening, when the solar system is unable to provide electrical energy, power can be bought back from the network.

Standalone solar systems have been used for many years to supply applications where mains electricity power is not available and BPC can provide an alternative solution, most often with deep cycling lead acid batteries.

Examples include:

- » **Monitoring stations**
- » **Radio repeaters**
- » **Remote ATMs**
- » **Telephone kiosks**
- » **Street lighting**



Solar farm constructed in Dorset, UK totalling near 7MW and 26,923 solar panels

BPC solar systems are now being widely used in the developing world, particularly where the electricity grids are unreliable or non-existent but the demand for critical applications such as medical, telecommunications and banking are essential, often making solar power supplies the most economical option.

SOLAR PANELS

BPC offer a full range of Solar Panels with quality technology to suit design requirements, location and type of installation. BPC design a cost effective solution to ensure both higher and lower peak efficiencies are met. It is important when designing solar systems as a whole to balance price with quality.



SOLAR INVERTERS

BPC EnerSolar PV Inverters are embedded with two smart MPP trackers that ensure optimum power output voltage under a variety of weather conditions. The EnerSolar has a wide input voltage range generating a maximum 96% efficiency. User friendly and modular design features bundled with monitoring software to ensure optimum accuracy in energy savings.



SOLAR BATTERIES

The BPC PowerStor Solar range use GEL maintenance free technology to enhance the deep cycling performance and provide a robust design that meets the demands of solar applications. Providing benefits when operating at high and low temperatures, having the capability to withstand unpredictable charging with daily cycling.



SOLAR SERVICES

BPC can offer tailored design, manufacture, installation, commissioning, maintenance and training services for panels, inverters and cycling standby battery systems. Full site reviews and testing services, ranging from visual inspections to electrical tests are available to protect and maximise your solar PV investment. Appropriate maintenance can identify performance issues and potential equipment failures before they become a problem.



Advanced Power Conversion Solutions

The BPC Group

BPC is an international company operating for 20 years globally, with partners and distributors located around the world.

These regions include:

EUROPE

UK, France, Germany, Gibraltar, Ireland, Netherlands, Malta, Norway, Portugal.

MIDDLE EAST

Bahrain, Jordan, Kuwait, KSA, Lebanon, Oman, Qatar, UAE, Yemen.

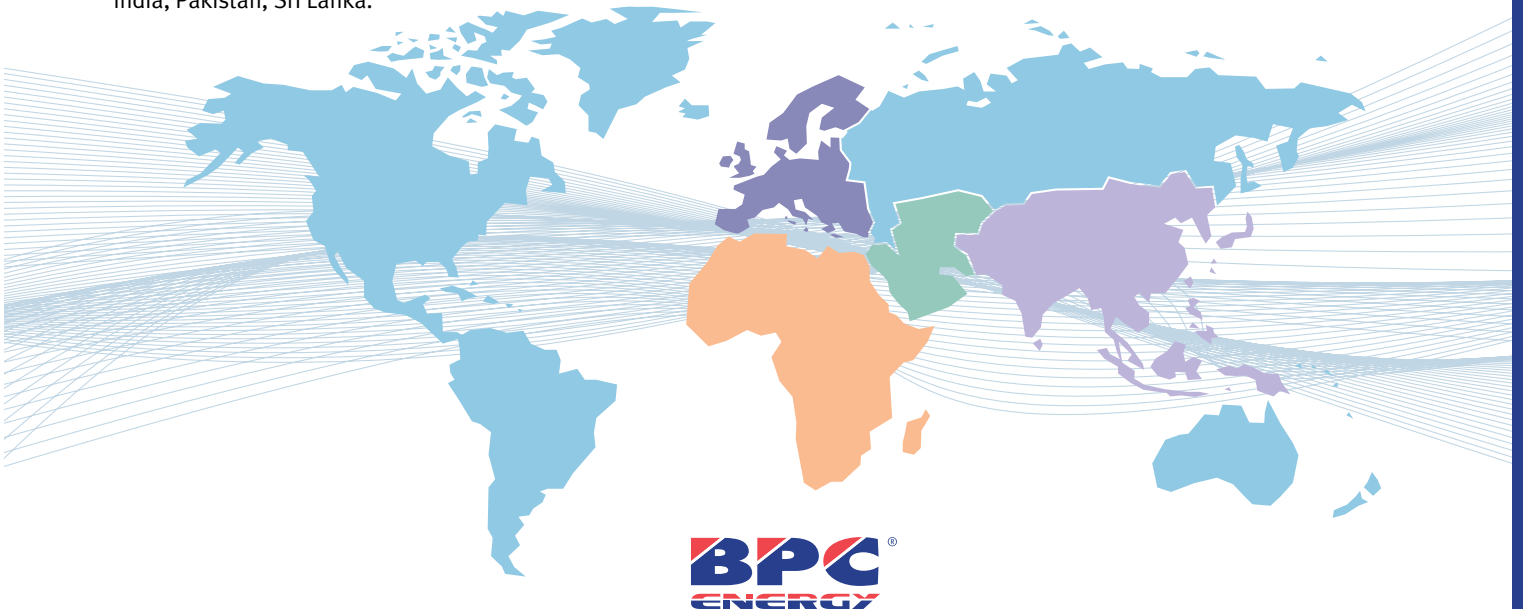
AFRICA

Burkina Faso, Democratic Republic of the Congo, Egypt, Ethiopia, Kenya, Ghana, Libya, Nigeria, Rwanda, Sierra Leone, Sudan, Tanzania, Uganda, Zambia.

FAR EAST & ASIA

India, Pakistan, Sri Lanka.

To ensure a high level of pre and post-sales support is offered, BPC work closely with distributors, providing key commercial and technical training whilst providing competitive costing structures tailored to specific region markets, ensuring the most suitable BPC products are offered. We pride ourselves on long standing relationships with our partners which is reflected in the ongoing support provided locally.



The British Power Conversion Company

Authorised Distributor