

Accessories

Extensive range of accessories to accompany the BPC product portfolio

EXTERNAL MAINTENANCE BYPASS

All BPC UPS are equipped with an Internal Static Switch allowing for instantaneous transfer to mains reserve supply when the power demand of the load exceeds the overload level of the inverter or a short circuit is experienced.

However, an optional External Manual Bypass Switch facility may be provided to offer the opportunity to do commissioning, routine maintenance, repair or removal of the equipment without any interruption to the critical load. Both make-before-break (MBB) and break-before-make (BBM) bypass switch designs are available.

A comprehensive range of bypass switches which are built to the highest standard using proven components are available in both single and three phase with variations for dual input supplies or parallel redundant configurations. Bypass switches can be customised and tailored to suit specific requirements for either UPS, Static Inverters or DC systems including the integration of output distribution boards, Castell interlock systems or auxiliary contacts within the same enclosure.



EXTERNAL RACKMOUNT MAINTENANCE BYPASS

Suitable for 1kVA – 3kVA models

- Provides continuous power to connected equipment during UPS maintenance
- Easy operation with simple rotary switch and indications
- Adjustable master-slave function
- Large number of sockets for extended usage
- Rack and tower designs to fit into a diverse working environment
- Simple plug-and-play connectivity
- Diverse socket selections: IEC, UK, Schuko and NEMA



Suitable for PowerGem Pro 6kVA & 10kVA models

- Easy operation with simple rotary switch and indications
- 100% make-before-break to provide continuous power to connected equipment during UPS maintenance
- Automatic UPS protection design – auto transfer UPS to bypass when opening the maintenance bypass switch panel
- Easy operation with simple rotary switch
- Terminal block type



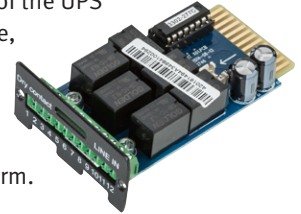
RAIL KITS

Rail kits are available for all rackmount UPS, a simple kit to ease installation into 19" cabinets and will allow the UPS, to be supported without the requirement of a shelf.



RELAY CARDS

Relay communication cards provide contact closures for the remote monitoring of the UPS system. The dry-port interface card provides a selection of dry-contact relays. The dry-contact signals monitor select parameters of the UPS such as, UPS failure, bypass active, low battery, UPS on and utility failure.



The dry-ports will then change their status depending on this alarm.

SWITCHGEAR & CHANGEVER PANELS

Every switchboard is individually designed to suit our clients requirements including:

- Forms of separation: Form 2 to 4, type 1 to 7
- Ratings: 100A to 6300A
- Type tested assemblies (IEC 61439-1)
- Board access: Front and rear
- Cable entries: Top and bottom, entry or exit
- Mains, gen-man, auto changeover controls
- Electrical or mechanical interlocking
- Restricted or unrestricted earth fault
- Power factor correction (switchboard or stand alone)
- Surge protection



BATTERY ACCESSORIES

BPC offer a comprehensive range of battery accessories which include open steel battery stands and cladded enclosed battery racks that can easily be assembled or disassembled, also including complete battery cabinet system options. These have been designed both technically and aesthetically as an integral part of the equipment system, forming a single unit which can be easily located without the need for special site considerations.

Other accessories include insulated battery shrouds, cable kits, DC switchable fuses and DC circuit breakers.

BPC also offer battery testing accessories for voltage and impedance testing along with insulated battery tools to simplify safe battery maintenance.



REMOTE MONITORING PANEL

All PowerPro ranges of UPS Systems can be connected to a Remote Monitoring Panel (RMP) that allows the possibility to monitor different parameters from the control panel of the UPS System.

More than one RMP can be connected together in cascade for monitoring your UPS System from several different locations at the same time. The normal distance for locating a RMP in its standard format is 20m from the UPS, however longer distances can be achieved using the optional RS485 converter.

