

# PowerShield

Mains power failure commonly coincides with flooding. The PowerShield ensures that your pumping equipment continues to operate during a cut in mains power, protecting your property from catastrophic flooding damage.

Battery backup systems are especially important for groundwater and surface water applications where inflow to the system cannot be controlled.

The PowerShield offers the highest levels of resilience and protection for your property. The unit will provide power to one submersible pump in the event of mains power failure, allowing for continued pump operation. The capacity and duration of the intervention are proportional to the size of the inverter and to the capacity of the connected batteries.

The system is quick and simple to install.

## KEY FEATURES

- Alerts the end user if there is a mains power failure.
- Keeps the pump system powered in the event of mains power failure.
- Can be retro-fitted to existing pump systems
- A wide range of battery capacities available to support all systems.
- High level alarm float switch input
- Integral audio and visual alarm
- 3, 6, or 12 monthly maintenance schedule
- Compatible with Aqua365 Monitor for real-time alerting and system updates.

## TECHNICAL DATA

Product	PowerShield
Mains supply	230VAC
Output voltage	12VAC
Output frequency	50–60Hz
Battery type	Maintenance-free lead based
Operating temperature	-5°C to +40°C
Relative humidity	<50%
Inverter protection fuse	Yes
Fuse charge protection	Yes
Case construction	Metal, rated IP55
Security	Locking with coded key
Weight	9kg not including battery
Colour	Grey (RAL 7032)

## RUNTIME BY POWER REQUIREMENT\*

Model	Current	No. of batteries	Runtime
500W	Nominal: 2A	1 battery 60Ah	60 mins
		2 batteries 100Ah	120 mins
		3 batteries 100Ah	240 mins
750W	Nominal: 3A	1 battery 80Ah	60 mins
		2 batteries 100Ah	90 mins
		3 batteries 100Ah	180 mins
1500W	Nominal: 6A	1 battery 100Ah	45 mins
		2 batteries 100Ah	90 mins
		3 batteries 100Ah	140 mins
2300W	Nominal: 10A	1 battery 100Ah	30 mins
		2 batteries 100Ah	60 mins
		3 batteries 100Ah	90 mins

## DIMENSIONS (mm)

Product	Height	Width	Depth
Control panel	495	370	200
Battery compartment	280	370	200



## SUITABLE FOR



Below ground



New build



Retro-fit

## WASTE TYPE



Grey



Foul



Ground



Surface



Storm

\* The runtime under battery power has been calculated running the pumps in standard applications

All our products can be customised to your requirements. For more information on this please contact our sales team on 01442 211554.

## DELIVERING PUMPED AND DRAINAGE SOLUTIONS FOR OVER 25 YEARS

**Packaged pumping stations**

**Waste water pumping systems**

**Macerators and macerating toilets**

**Floor mounted pumping stations**

**Fat, oil and grease separating systems**

**Rainwater harvesting systems**

**Battery backup systems**

**Adoptable pumping stations**

**Accessories**



We provide pumped and drainage products and services to the public and private sectors, including residential, commercial, hospitality and retail.

We are proud of the long-term relationships we have built with our clients and partners, delivering cost effective, robust and dependable products and services.

### 12-MONTH GUARANTEE

Your products are protected by a 12-month guarantee. Please refer to our Terms and Conditions at [www.edincare.com](http://www.edincare.com)

### HOW TO ORDER

Order online at [www.edincare.com](http://www.edincare.com)  
Call Sales on 01442 211554  
Email [sales@edincare.com](mailto:sales@edincare.com)

### PROJECT SERVICES

- Project design
- Site surveys
- Installations
- Refurbishments

### AFTERSALES SERVICES

- Planned servicing
- Emergency call outs
- Commissioning
- Monitoring

### DRAINAGE SERVICES

- Tankering
- Jetting
- Drainage CCTV
- Surveys

### [www.edincare.com](http://www.edincare.com)

- Discover our products and services
- Order products online
- Case studies and articles
- Brochures and technical documents

## Protect your property with an Edincare Service Agreement

As with all pumped and drainage systems, regular maintenance is essential to ensure optimum performance and minimal downtime. Our Service Agreements comprises planned preventive maintenance visits at an agreed frequency, we also service other manufacturers' equipment regardless of type, make and age.

- ✓ Validates your building insurance
- ✓ Reduces the risk of failure
- ✓ Increases the life expectancy of your equipment
- ✓ Priority callouts and 24/7 out-of-hours service
- ✓ Reduced rates for emergency call outs
- ✓ Flexible payment options (Direct Debit)



+44 (0)1442 211554  
[info@edincare.com](mailto:info@edincare.com)

[www.edincare.com](http://www.edincare.com)  
edincarepumps

Unit 8, Heron Business Park, Eastman Way,  
Hemel Hempstead, Hertfordshire, HP2 7FW

Part of the Edincare Group of Companies [www.edincaregroup.com](http://www.edincaregroup.com)



Our policy is one of continuous product improvement, we reserve the right to change specifications and prices without prior notice. All information is given in good faith. No responsibility can be accepted for errors, omissions or incorrect assumptions. © Omni Pump International Ltd t/a Edincare Pumps & Edincare Drains. All rights reserved.