

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 230 V 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.

KEY FEATURES

- Alerts the end user if there is a mains power failure
- Provides power to one 230 V pump in the event of mains power failure
- Can be retro-fitted to existing pump systems
- Batteries can be added to increase battery autonomy
- High level alarm float switch input
- Integral audio and visual alarm
- 3, 6, or 12 monthly maintenance schedule
- Filtered 50 Hz pure sine wave output
- Multi-relay volt-free contacts and RS-485 serial interface for BMS connectivity
- Compatible with Aqua365 Monitor for real-time remote monitoring
- IP55 metal enclosure with coded key and door-locking isolator
- Inverter protection fuse, battery polarity inversion protection, short circuit and overload protection, fuse charge protection

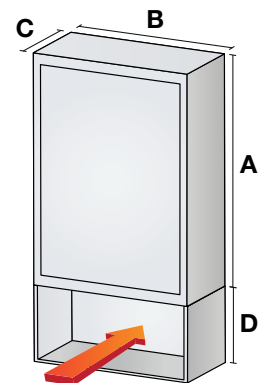


TECHNICAL DATA

* Battery autonomy has been calculated running the pumps in standard applications.

Code	Name	Output power	Nominal current	Battery voltage	Batteries	Battery autonomy*	Dimension mm				Panel weight
							A	B	C	D	
37501	PowerShield 500.SC	500 W	2 A	12 V	1 x 64 Ah	60 mins	495	370	200	280	11 kg
37502	PowerShield 500.SC	500 W	2 A	12 V	1 x 100 Ah	120 mins	495	370	200	280	11 kg
37503	PowerShield 500.SC	500 W	2 A	12 V	2 x 100 Ah	240 mins	495	370	200	280	11 kg
37504	PowerShield 750.SC	750 W	3 A	12 V	1 x 80 Ah	60 mins	495	370	200	280	14 kg
37505	PowerShield 750.SC	750 W	3 A	12 V	1 x 100 Ah	90 mins	495	370	200	280	14 kg
37506	PowerShield 750.SC	750 W	3 A	12 V	2 x 100 Ah	180 mins	495	370	200	280	14 kg
37555	PowerShield 1100.SC	1100 W	6 A	12 V	1 x 80 Ah	50 mins	495	370	200	280	17 kg
37556	PowerShield 1100.SC	1100 W	6 A	12 V	1 x 100 Ah	70 mins	495	370	200	280	17 kg
37557	PowerShield 1100.SC	1100 W	6 A	12 V	2 x 100 Ah	140 mins	495	370	200	280	17 kg
37507	PowerShield 1500.SC	1500 W	10 A	12 V	1 x 100 Ah	45 mins	550	370	200	280	25 kg
37508	PowerShield 1500.SC	1500 W	10 A	12 V	2 x 100 Ah	90 mins	550	370	200	280	25 kg
37511	PowerShield 2200.SC	2200 W	12 A	24 V	2 x 100 Ah	60 mins	550	370	200	280	25 kg

DIMENSIONS



WASTE TYPE



Grey



Foul



Ground



Surface



Storm

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