



### Description

The Delta Battery Backup V3 Plus is specifically designed for basement drainage systems (submersible pumps/sump pumps) when there is a loss of network power. The Delta Battery Backup Plus will keep submersible pumps running during a power outage, ensuring pumps are continuously running, keeping structures dry.

The Delta Battery Backup V3 Plus provides abundant battery backup power, so your sump pump system can continue working through short and medium length power outages. Safeguarding your sump pump equipment and keeping basements remaining dry.

The Delta Battery Backup V3 Plus will provide power for 120 hours\* to one or two Delta V3 pumps (not simultaneously) in case of a loss of network power. If power failure occurs, the pumps(s) automatically take power from the Delta Battery Backup V3 Plus.

Simple to use and easy to install – the Delta Battery Backup V3 Plus will clearly display status and comprehensive fault codes.

\* Based on PCA guidance of 3 activations of 20 seconds each per hour and a 3.5 metre head.

### Features

- Capable of running 1 x Delta V3 groundwater pump without mains power for up to 5 days (depending on number of cycles/hr)
- Includes a high level alarm
- Digital display to show status and fault codes
- Virtually inaudible in normal operation
- Lockable steel enclosure
- Door-locking isolator switch
- Four volt-free contacts for remote monitoring
- RS-485 serial line communication for remote monitoring
- Periodic service due reminders
- Can be retrofitted

### Specification

- European Directive 2006/95/CE
- Electromagnetic Compatibility Directive 2004/108/EC
- And these harmonised standards as applicable:  
EN 61439-1, EN 61439-2, EN 60204-1, EN 55014-1,  
EN 55014-2, EN 61000-3-2, EN 61000-3-3

### Associated products

- Delta Dual V3 Packaged Pumping Station
- Delta 800 Series – Dual V3

### Product details

DMS E024



# PRODUCT DATA SHEET

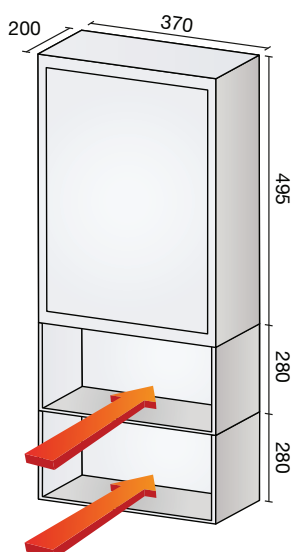
## Delta Battery Backup V3 Plus

### Technical data

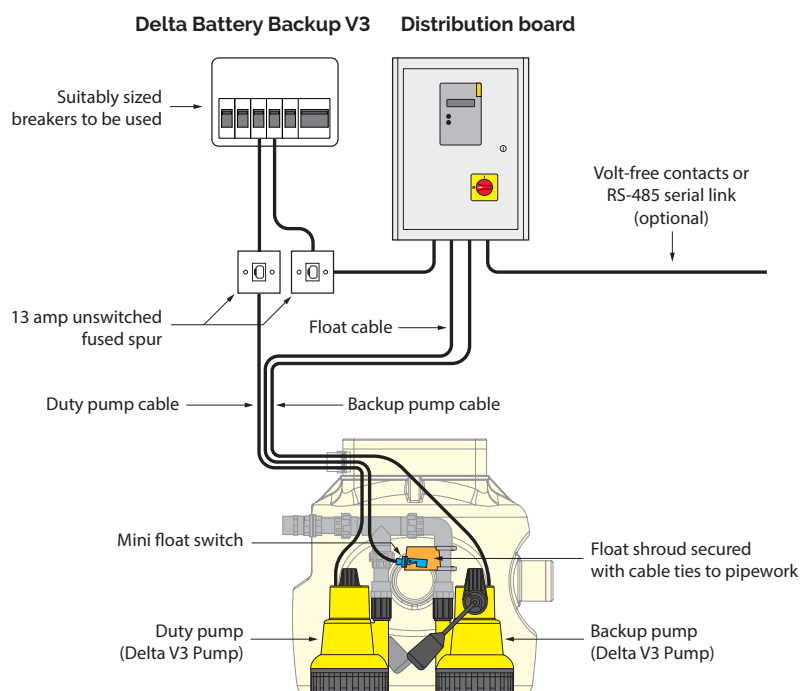
Delta Battery Backup V3 Plus	
<b>Input</b>	
Nominal voltage	220–240 VAC
Nominal frequency	50 Hz
Nominal current	9.7 A
<b>Battery</b>	
Usage (based on a 3.5m head)	Delta V3 Submersible Pump, 120 mins continuous*
Battery	2 battery, 100 Ah
Battery type	Maintenance-free lead based
<b>Output</b>	
Output voltage	230 VAC
Frequency	50 Hz
Nominal current	2 A
Nominal power	500 W
<b>Other</b>	
Ambient temperature	-5°C to +40°C
Humidity	< 50%
Protection devices	• inverter protection fuse • fuse charge protection
Case construction	Metal, IP55
Security	Locking with coded key
Weight	9 kg (excl. batteries)

\*Pump runtime under battery power in standard applications

### Dimensions mm



### Example installation



### Other information

All data and information contained in these Product/Technical Data Sheets is up-to-date and correct as at the date of issue. The information given is suggested as guidance and should only be used for evaluating your specific application. Delta Membrane Systems Limited cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. The information contained in these Product/Technical Data Sheets should not be considered a warranty, expressed, or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose. In no event shall Delta Membrane Systems Limited be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory. When in doubt, contact Delta's Technical Team on 01992 523 523.