

### COMF COMPANY

#### **EXPORTERS, IMPORTERS & MANUFACTURERS**

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## **Product Release**

# SBH-341-5 Water Proof Battery Holder



Comf Company is pleased to announce the release of their latest battery holder product, the SBH-341-5 Water Proof Battery Holder. The SBH-341-5 is made from ABS Plastic with an integrated Nylon Cable Gland. The Lid Seal is designed to provide effective sealing to 1m water depth, and temperatures from -10 to 90°C.

It is ideally suited for outdoor applications such as remote power backup, sensor power supply, data logging, cold room & food preparation environments.

The SBH-341-5 is designed to accommodate 4 'AA' Battery Cells and features a fully molded battery compartment to securely hold the batteries, with Nickel Plated Brass Contacts for corrosion resistance and positive terminal contact. The lid is fastened by 4 Nickel Plated Steel Screws into Brass Inserts molded into the body.

The SBH-341-5 is Nema 6P, IP- 68 rated, and is RoHS compliant.

Please contact Comf Company for more details, pricing, as well as possible engineering variations to suit your specific application.



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#### **SBH-341-5 Water Proof Battery Holder**

### **Specifications:**

Dimensions: 79 X 67 X 23mm (excluding cable gland)

Material:

Body & Lid: ABS Impact Resistant Plastic

Lid Seal: EPDM O-Ring Seal

Sealing Gland: PA 66 Nylon with EDPM Rubber Seals

Battery Contacts: 3µm Nickel Plated Brass

Hookup Wire: 6 Stranded Copper Wire with PVC Insulation

Protection Level: Nema 6P

**IP-68** 

Environmental: -10°C to 90°C

10m maximum immersion depth

Safety: RoHS Compliant





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#### **Features & Benefits:**

#### Construction

- 1. Cover and base made from tough ABS plastic.
- 2. Cable Gland made from impact resistant Nylon.
- 3. Captive O-Ring Seal contained in the lib ensures a positive seal and prevents seal rolling.
- 4. Lid Screws are Captive preventing loose parts, and are of Nickel plated Steel to provide corrossion free long life.
- 5. The Brass mounting inserts are molded into the Holder body ensuring a solid mounting points for the lid screws and surface mounting.
- 6. Battery Terminals are constructed of 65Mn stamped spring steel and Nickel Plated to ensure a long mechanical life and maintenance free operation.
- 7. Battery insertion is polarity protected to prevent circuit or connected equipment damage.
- 8. Lid and battery Compartment have integrally molded recesses to ensure positive battery location and provide vibration resistance. Battery contents leakage are contained within its own recess.
- 9. Header space is provided to allow OEM circuitry, switches etc to be installed into the SBH-345-5.
- 10. This product is RoHS and Reach compliant

#### Uses

- 1. The SBH-341-5 can accept any brand of "AA" size (UM-3) batteries or equivalent
- 2. The SBH-341-5 can be used in portable or fixed applications.
- 3. Ideally suited for outdoor power, back-up power supply, such as alarm, warning lights outdoor mobile power reservoir limit alarm power supply, Christmas decorative lights etc.
- 4. Suitable for water immersion applications, to water pressure of less than 1 atmosphere (14.7psig).
- 5. Wide range of temperature range 10 °C~ 90 °C as well as dust, oil and other contaminants not detrimental to the casing plastics.
- 6. The SBH-341-5 leverages Comf's mature technologies to provide the end user and OEM a reliable and well engineered product.



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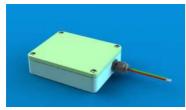
### **Additional Images:**

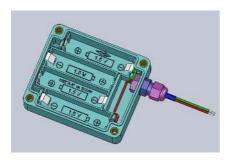
A selection of images, and artwork is available for use in marketing and promotion activities.

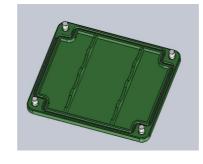


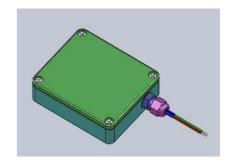












All these images are available in higher resolutions.