



# 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



- IP 68
- Nema 6
- 10°C to 80°C
- RoHS Compliant
- Immersion to 1m
- Nylon Cable Gland
- Captive Rubber Seal
- Impact Resistant Nylon
- Brass Mounting Inserts
- Nickel Plated Steel Screws
- Compact Size - 79 X 67 X 23mm

- Ideal for:
- Alarm Systems
  - Outdoor Service
  - Decorative Lights
  - Remote Monitoring
  - Marine Environments
  - OEM & ODM Applications



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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 weather 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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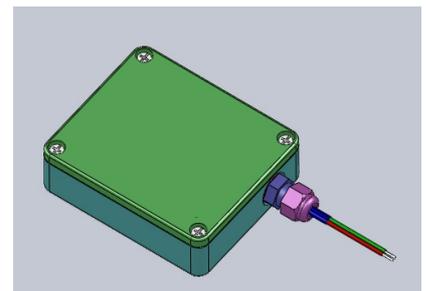
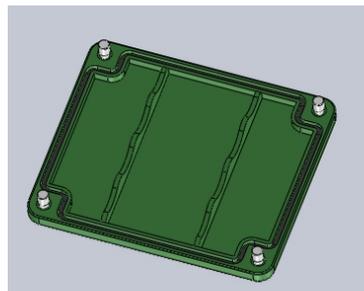
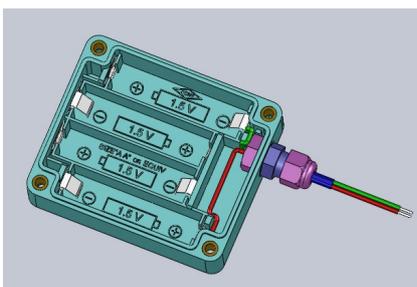
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## Additional Images:

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



All these images are available in higher resolutions.