

# Waterproof electrical distribution box made of PC material



## Article Overview

PC (polycarbonate) waterproof distribution boxes offer IP65 protection, high mechanical strength, and weather resistance for industrial, commercial, and outdoor electrical applications.

### Key Features

**Material and Durability:** These distribution boxes are constructed from premium PC engineering plastics, providing excellent toughness, impact resistance, and superior weather resistance, making them suitable for harsh environments . Some models also combine PC with ABS for additional flexibility . **Waterproof and Dustproof Protection:** Most PC distribution boxes are rated IP65 or higher, ensuring protection against dust ingress and water jets, with some models reaching IP66–IP68 for extreme outdoor conditions . **Mechanical and Safety Standards:** PC boxes often meet IEC60529, IEC62262, and UL 94 flammability standards, offering flame-retardant performance and reliable protection for electrical components . They are designed to withstand repeated openings without compromising the seal, and some include padlock positions for enhanced security . **Configurations and Sizes:** Available in single, double, or triple layers, with multiple ways (4–39 positions), these boxes provide ample wiring space and flexibility for various electrical setups, including DIN rail mounting . **Applications:** PC waterproof distribution boxes are ideal for industrial facilities, commercial buildings, photovoltaic solar systems, EV charging stations, outdoor lighting, agricultural irrigation, and marine environments . They protect terminals, splices, and miniature modules from water, dust, UV exposure, and corrosion. Custo...

## Article Content

Jun 13, 2026

IP67 Outdoor Electrical ABS PC Mounting Plate

Product Description Ip67 Outdoor Electrical Plastic Enclosure Junction Case ABS PC Power Distribution

Oct 31, 2025

8 Way IP67 Transparent Protective Window Cover Distribution Box

8 Way IP67 Transparent Protective Window Cover Distribution Box Switch Waterproof See-Through Window PC Material, Find

Jan 09, 2026

Outdoor Waterproof Enclosure Box – TSM Series

The TSM Series Plastic Distribution Box is designed to provide safe, reliable, and aesthetic housing for

Aug 26, 2025

Circuit Breaker Distribution Box Electrical, Outdoor Waterproof 5 Hole ...

Circuit Breaker Distribution Box Electrical, Outdoor Waterproof 5 Hole Distribution Box Cover Transparent Project for 5 Ways Indoor

Mar 07, 2026

Electrical Power Distribution Box — WHA Series

The WHA Series electrical power distribution box is a waterproof IP65 board designed for dependable field

Jun 30, 2026

Ejoyous 6WAY Distribution Box IP66 Waterproof ABS + PC Material ...

About this item High Quality ABS+PC Material: Made of high-quality ABS and PC materials, this distribution box is sturdy and

Sep 22, 2025

Waterproof Distribution Box | IP65 Plastic DIN Rail

ABS / PC housings create a robust plastic waterproof distribution box —easy to mount, impact-resistant,

May 06, 2026

## Waterproof Enclosures and Weatherproof Junction Boxes

From smaller waterproof boxes for electronics to large weatherproof electrical enclosures, we offer a variety of styles, sizes, and

Jul 02, 2026

## Wspn-4 Ways IP65 Waterproof Plastic Electrical Distribution Box

IP65 Waterproof Electrical Distribution Box with Transparent Cover Features military-grade sealing with dual silicone gaskets for

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## Waterproof Electrical Distribution Box, SHPN Series

The Waterproof Electrical Distribution Box, with its high-definition transparent cover, is a transparent panel that not only allows for

Mar 12, 2026

## MAKERELE 4 Way IP66 Waterproof Outdoor Circuit Breaker Distribution Box ...

The Outdoor Breaker Box Distribution Protection Box is a high-quality and durable option for safeguarding your electrical equipment

Nov 27, 2025

## Ht-5way ABS+PC Material 5ways IP65 Waterproof MCB Electrical ...

HT-5ways surface mount IP65 waterproof mcb plastic distribution box This HT series surface mount distribution box is IP65

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## HPC Series IP65 Plastic Waterproof Electrical Circuit

The AG, AT, PG, and PT wall-mounted electrical enclosures are made from impact-resistant polycarbonate

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## Waterproof Distribution Box (IP65-IP68)

IP65 waterproof distribution box for outdoor installs. Plastic ABS/PC, DIN-rail ready, clean wiring, customization available.

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## EKDB10 Durable IP65 Rated Waterproof Distribution Boxes

IP65 Waterproof Distribution Box EKDB10 plastic waterproof distribution boxes are made of the highest quality plastic materials and

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Ht-5way ABS+PC Material IP65 Waterproof MCB Electrical Distribution Box ...

Ht-5way ABS+PC Material IP65 Waterproof MCB Electrical Distribution Box, Find Details and Price about Distribution Bcbinet

Nov 22, 2025

Outdoor Waterproof Enclosure Box – TSM Series Plastic Distribution Box -

With the increasing use of modular circuit breakers, control components, and automation equipment, the TSM series offers an

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IP65 Waterproof Distribution dc breaker Box

Ensure safe and reliable electrical connections with this IP65 waterproof distribution box. Available in 2, 3,

Apr 09, 2026

Plastic Waterproof Electrical Enclosures (ABS & PC Boxes)

Our plastic waterproof electrical enclosures are made from durable ABS and Polycarbonate (PC) materials, offering reliable

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HT Series Junction Box 2/3/5/8/12/15/18/24WAY PC Plastic Outdoor ...

Whether for residential, commercial, or industrial use, this switch box is a reliable solution for safeguarding your electrical

Mar 11, 2026

IP66 Waterproof Distribution Protection Box, PC Circuit ...

□Durable and Robust□: This distribution protection box is made from high-quality, advanced PC material and has passed the UL94

Dec 17, 2025

4-Way Distribution Box IP66 Waterproof Electronic Junction ...

4-Way Distribution Box IP66 Waterproof Electronic Junction Case Outdoor DIN Rail Enclosure MCB Electrical Box, ABS + PC :

Jun 20, 2026

EKDB10 Distribution Box | IP65 Plastic Waterpro

Discover EKDB10 IP65 waterproof distribution boxes made of durable PC plastic. Available in 4-39 ways,

Nov 06, 2025

SP-PC Waterproof Electrical Boxes Outdoor IP66

It is made of flame retardant PC materials that have a good exterior, excellent processing performance and

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Waterproof Distribution Box | QuiSure

VDB-C series waterproof distribution box is made of PC material, with waterproof enclosed structure, lead seal design and padlock

Feb 25, 2026

4 Way Outdoor Waterproof IP66 PC/ABS Alloy Plastic Circuit

Made of PC + ABS alloy material this breaker box provides excellent resistance against impact, corrosion, and UV radiation, making

Aug 22, 2025

Waterproof Distribution Box Manufacturer | IP65/IP66 PC & ABS ...

Selhot Electric offers factory-direct IP65/IP67 waterproof distribution boxes. UV-resistant PC/ABS material, CE/TUV

Apr 18, 2026

QILIPSU UL94-V0 Outdoor Electrical Box 8.3"x6.3"x3.9" Waterproof ...

QILIPSU UL94-V0 Outdoor Electrical Box 8.3"x6.3"x3.9" Waterproof Junction Box Weatherproof PC/ABS Alloy Plastic IP66 Project

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5 Way Circuit Breaker Box IP65 PC/ABS Alloy Plastic Distribution ...

TULABU Distribution Protection Box ABS Plastic Housing PC Cover Tulabu distribution box made of high quality plastic material,

Dec 12, 2025

Wholesale Plastic Distribution Box 6k+ | Alibaba

Shop high-quality plastic distribution boxes for reliable electrical systems. IP65 and IP66 rated for waterproof durability.

## Contact Us

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