

## Article Overview

AP power distribution boxes vary by model, with typical dimensions ranging from compact surface-mounted boxes to full-height rack PDUs.

### APC Rack PDUs

- o AP6020A: Standard 0U rack-mount PDU; dimensions not explicitly listed in the source, but designed for vertical mounting in standard racks .
- o AP8865: Rack PDU with 36x IEC 320 C13, 6x IEC 320 C19, and 2x NEMA 5-20R outlets. Dimensions: 56 mm (W) x 44 mm (D) x 1791 mm (H), weight 7.56 kg .
- o AP6120A: Basic rack PDU with 7x C13 and 2x C19 outlets. Dimensions: 38.81 x 4.36 x 9.29 cm (15.28 x 1.72 x 3.66 in) and 43.61 x 21.03 x 7.59 cm (17.17 x 8.28 x 2.99 in) depending on configuration . These PDUs are designed for vertical 0U mounting, saving rack space while providing multiple outlets for servers and networking equipment .

### ABB Surface-Mounted AP Boxes

- o AP9, AP10, AP45: Surface-mounted junction boxes for general electrical installations. They include knockouts on all sides for cable entry and are designed for easy wall mounting. Knockout diameters: sides O17 mm, bottom O19 mm, with additional smaller inlets for cables up to O10 mm .
- o These boxes are compact and suitable for premises wiring, not full rack installations, and their dimensions vary slightly by model but are generally small enough for wall-mounted applications.

## Summary

- o Rack-mounted AP PDUs: Height can range from 0U vertical units (~1.8 m for full-height models) to smaller compact units (~0.4 m), width typically 38-56 mm, depth 4-21 cm.
- o Surface-mounted AP boxes: Small, wall-mountable enclosures with multiple cable knockouts, generally under 20 cm in any dimension. When selecting an AP power distribution box, ensure the dimensions match your rack or installation space, and check the mounting type (0U vertical, wall-mounted) and outlet configuration for compatibility with your equipment.

Distribution boards, together with modular ABB system pro M Compact protection devices and Modular Din Rail Components, can be

Application Electric Power Transmission, Indoor, Industrial, Outdoor IP Level IP55 Type Distribution Box,

# AP power distribution box dimensions

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The bidder may specify their own dimensions and quote accordingly. The drawing and dimension should be submitted with the

The square junction box AP10 (6.0 mm<sup>2</sup>, 500 V, IP65) is equipped with 14 membrane cable entries (&#216;19 mm), three on each sides,

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This document provides information on ABB's consumer units and distribution boards, including ordering details. It describes various

Junction boxes for dry and wet spaces. The junction boxes are supplemented by a wide range of optional equipment, making

The square junction box AP9 (2,5 mm<sup>2</sup>, 500 V) is equipped with 12 membrane cable entries for cables up to &#216; 17 mm in the sides,

The distribution box serves as the load centre and distributor of electrical power. A distribution box ensures that electrical supply is

Body: 1.4 mm for enclosures with a depth of 210 or 260 mm / 1.5 mm for enclosures with a depth of 300 or 400 mm, or if a height or

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