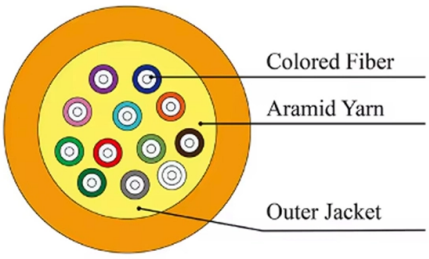
Price of a 25kW distribution box



Overview

PDP-25KW – PD Power SystemsThe equipment is designed for safe operation and conforms to the NEC for outdoor use. Input: The 25kW PDP has one 60-amp, 4-pole.

Key Takeaways

The price of a 25kW distribution box typically ranges from $2,000 to $5,000, depending on specifications, certifications, and application requirements.

Price Overview

The cost of a 25kW distribution box varies significantly based on its design, materials, and intended use. Industrial and commercial units with standard 208Y/120V 3-phase configurations, multiple output receptacles, and weatherproof enclosures generally fall in the $2,000–$3,500 range. Military-grade or expeditionary units, designed for rugged outdoor use with NEMA 3R ratings, GFCI protection, and custom connectors, can cost $4,000–$5,000 or more due to enhanced durability and compliance with NFPA 70 and other standards (Larson Electronics, Lex Innovations, PD Power Systems).

Factors Affecting Price

Material and Construction: Units made from aircraft-grade aluminum or galvanized steel are more expensive than standard steel enclosures due to durability and corrosion resistance. Certifications and Compliance: Military or industrial certifications, such as NFPA 70 compliance, NEMA 3R rating, and GFCI protection, increase cost. Number and Type of Receptacles: More output circuits, higher amperage connectors, and specialized plugs (e.g., MS-Class L pin/sleeve) add to the price.

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Customization: Custom-built units for specific applications, including expeditionary or base camp setups, can significantly increase the cost. Installation and Accessories: Additional costs may include mounting hardware, cabling, and optional smart monitoring or remote control features.

Typical Applications25k

W distribution boxes are used in industrial facilities, construction sites, military deployments, base camps, and portable lighting setups. They provide safe power distribution to multiple devices and often include circuit breakers, overload protection, and weatherproofing for outdoor use.

Summary

For budgeting purposes, a standard 25kW distribution box can be expected to cost around $2,000–$3,500, while military or highly customized units may reach $4,000–$5,000 or higher. Prices vary based on materials, certifications, number of circuits, and additional features, so it is recommended to request a quote from manufacturers for precise pricing.

Article Content

PDP-25KW – PD Power Systems

The equipment is designed for safe operation and conforms to the NEC for outdoor use. Input: The 25kW PDP has one 60-amp, 4-pole, 5-wire connector. The input connector is labled J1 on the

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Larson Electronics is a manufacturer and we can build portable power distribution systems to your specifications. Although we carry several models of portable power distribution systems in stock, we

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Final Distribution and Wiring Devices - Pricelist 2025. This document is a price list for various electrical distribution, wiring devices, and lighting control products effective from February 3rd, 2025.

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Distribution Boards | RS

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Product Overview Power Distribution Panel, 25KW, 208Y/120V 3PH Wye, (6) L5-20R, Daisy Chain PDP, Milspec

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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