

How much does an outdoor power supply normally cost





Overview

Installing a new outdoor outlet costs \$180 to \$350, including the unit itself, a weatherproof cover, and the electrician's labor. In comparison, indoor outlet installation costs \$150 to \$350, depending on the type, voltage, amperage, and the distance from the home's main electrical panel. How much does a power supply cost?

Basic low-power units (under 100W): Less than \$10 to over \$100. These are what you'll find in small electronics, security systems, and LED drivers. Mid-range industrial power supplies (100W-500W): \$100-\$300. Common in automation, telecommunications, and medical applications. High-wattage or specialty power supplies (500W+): \$300-\$1,500+.

How much does it cost to install an outdoor outlet?

Electricians charge \$50 to \$130 per hour for labor to install an outdoor outlet. Labor costs increase for difficult-to-access locations or if the electrician must run new wiring from the main electrical panel to the outlet's location. The following factors affect the cost for an electrician to install an outdoor outlet:

Why does a power supply cost so much?

Custom voltage outputs or adjustable power supplies require specialized circuit design, and this adds to the cost. In general, any sort of special features will increase the power supply price point too. That includes intelligent features like CANBus, RS-485, or remote monitoring capabilities.

Should you buy a PSU or a power supply?

On the other hand, expensive power supplies tend to reduce electricity waste, cutting operational costs over time, while providing peace of mind. Investing in a well-built, properly rated PSU means fewer failures, lower lifetime costs, and a power solution that supports your operation without interruption.

Do cheap power supplies cost more in the long run?



While there are a lot of assumptions at play here, the key takeaway is that cheap power supplies cost 30-50% more in the long run due to inefficiency, failures, and downtime. A low-cost PSU with subpar components will inevitably fail early, bringing with it downtime, expensive replacements, and safety risks.

How much does an outdoor outlet cover cost?

A cord plugged into an outdoor electrical outlet. An outdoor outlet cover costs \$0.50 to \$20.00, depending on the style and weather rating. The installation estimate for an outdoor outlet typically includes a watertight or weatherproof enclosure. Outdoor outlets directly exposed to the elements must have a watertight cover labeled "Extra-Duty".



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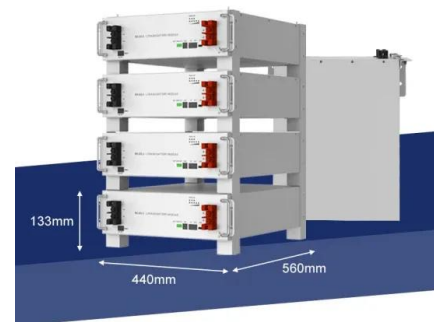
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