

ContainerPower Energy Solutions

Is it safe to use an outdoor power supply



Overview

Are outdoor power outlets safe?

Yes, in many ways, outdoor power outlets are just as safe as the ones inside. However, those outlets must be National Electrical Code (NEC)-compliant and include a weatherproof encasing. Still, the outlet is only as safe as the appliance that you plug into it, so be sure those are safe for outdoor use as well. What Is A GFCI Outlet?

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Do I need a GFCI outlet if I run power outside?

When running power outside, a GFCI-equipped outlet ensures safety, and is required by code in all areas exposed to moisture, like the outdoors. When adding an outdoor outlet, be sure to choose an outdoor-rated, weatherproof model with built-in, high-sensitivity GFCI.

How do you run power outdoors?

Mr. Electric outlines the safest methods for running power outdoors. Plan your route and power needs. Use weatherproof, outdoor-rated conduit and wiring. Dig trenches for underground cables, following local codes. Install GFCI outlets for safety. Test the system before use. Test the system before use. Looking to 'amp up' your outdoor experience?

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Do I need a permanent power solution?

For lighting, lawn tools used on the regular, or outbuilding power needs, you need a permanent power solution for safety, whether that involve an outdoor outlet addition to your home's main structure, or wiring run remotely to an outbuilding. For lines not off the house, cable must be wired to a separate GFCI indoors.

How do I Choose an outdoor outlet?

When adding an outdoor outlet, be sure to choose an outdoor-rated, weatherproof model with built-in, high-sensitivity GFCI. Whether single or duplex, all exterior outlets should have spring-loaded covers to protect them from weather, pests, dirt, and most importantly moisture.

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