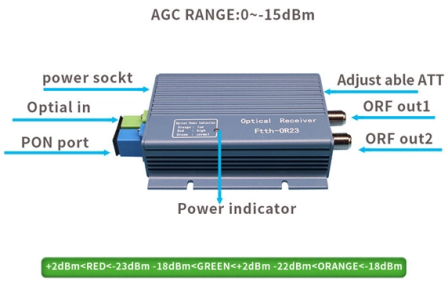
Mobile power distribution box with socket



Overview

Mobile Socket Distributor, Fixed Construction Site Distribution Box. Mobile construction power distributor fully assembled and wired ready for connection.

Key Takeaways

Mobile power distribution boxes provide multiple safe outlets from a single source, offering mobility, organized power distribution, and protection for temporary or remote electrical setups.

Overview

A mobile power distribution box (also called a portable socket box or portable distribution unit) is a compact, self-contained device that allows multiple electrical devices to be powered from a single heavy-duty industrial inlet. These units are designed for locations where fixed wiring is unavailable or impractical, such as construction sites, workshops, outdoor events, and emergency maintenance operations.

Key Features

Socket Types: Typically include a combination of CEE industrial sockets (16A, 32A, 400V) and standard 230V Schuko or earthing contact sockets. Sockets often have protective flaps to maintain IP44 or IP54 ratings, ensuring safety against water and dust ingress. Safety Mechanisms: Integrated Residual Current Devices (RCDs), circuit breakers (MCBs/LS switches), and earth leakage protection safeguard against electric shock, overload, and short circuits.

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Mobility: Lightweight, compact design with handles or stands allows easy transport to different locations. Durable Housing: Made from flame-retardant polycarbonate, ABS, or polyethylene, providing impact resistance, corrosion protection, and electrical insulation. Some models feature transparent windows for safe operation without opening the enclosure.

Cable and Plug: Pre-wired with heavy-duty cables (e.g., H07RN-F, 5x2. 5 mm^2 or 5x4 mm^2) and industrial plugs (CEE 32A/16A) to handle high current loads safely.

Applications

Construction Sites: Powering tools, temporary lighting, and machinery. Event Production & Film Sets: Distributing electricity to lighting rigs, sound equipment, and food stalls. Workshops & Garages: Providing additional safe outlets for power tools and diagnostic equipment.

Outdoor Work & Landscaping: Operating equipment in gardens, parks, or remote locations. Emergency & Maintenance Work: Quick-deployment power source for repairs or temporary setups.

Advantages

Organized Power Distribution: Reduces tangled extension cords and daisy-chaining. Enhanced Safety: High IP ratings, RCDs, and circuit breakers protect users and equipment. Complete Mobility: Easily transported and deployed wherever temporary power is needed.

Durability: Resistant to environmental hazards, mechanical stress, and electrical overload. Mobile power distribution boxes are essential for temporary, safe, and efficient power management in industrial, commercial, and outdoor environments, combining convenience with robust safety features.

Article Content

Portable Socket Box & Mobile Power Distribution Unit

What is a Portable Socket Box? A Portable Socket Box (or Portable Distribution Box) is a compact, self-contained unit that provides multiple power outlets from a single heavy-duty industrial inlet. It''s

Mobile Distribution Boxes | DISTRO-DIRECT

Buy online: compact power distribution units with side handles and a clean design. Raised housing edges protect sockets and breakers — a true classic.

Schwabe Portable CEE Power Distributor Stecky 14, CEE Plug

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Perfect for mobile use during camping and outdoor activities. Robust and practical: robust housing (230 x 417 x 220 mm) made of highly break-resistant special plastic with large, ergonomic

Generic Socket Distribution Box 16A CEE Mobile Power ...

Designed for plug-and-play usage, this robust unit is ideal for both temporary and permanent installations in various outdoor settings. [SAFETY FIRST] Safety is our priority, so each socket

24 Mobile Waterproof Socket Box

VIOX''s Mobile Waterproof Socket Box delivers versatile outdoor power distribution with IP65/IP67 protection. Featuring multiple 16A CEE sockets, individual circuit

Heavy Duty Temporary Power Distribution Box IP67

MP12 Yellow Custom Heavy Duty Mobile Power Distribution Box PE Movable Spider Box 250 VAC Application Our Portable Distribution Board: Industrial Plugs,

Mobile distribution box

Types of Mobile Distribution Boxes A mobile distribution box is a portable electrical enclosure used to safely distribute power across temporary or dynamic environments. Widely utilized in construction,

Electrical PVC Mobile Portable Power Socket Distribution Box with

Electrical PVC Mobile Portable Power Socket Distribution Box with RCCB, Find Details and Price about Distribution Box and Receptacle Combinations from Yueqing Wangheng Electric Co., Ltd.

Portable Socket Distribution Box IP67 Industrial Socket Box Plastic ...

Description Portable Socket Distribution Box IP67 Product overview Easy to carry, provide flexible power output Implementation standard: DINVDE0623 IEC60309-2 Protection level: IEC60529 IP67 Click to

Portable Power Distribution Box

Types of Portable Power Distribution Box Manual Transfer Switch Boxes The manual switch differentiation in the portable power distribution box permits the provisional feeding of generators in

Electric Box Plug and Socket Distribution Box Industrial

Product Description Product Description Yueqing Beigang Industrial Socket Distribution Box is an electrical distribution device that adopts a plug-in method,

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