



POWER
DISTRIBUTION

CATALOG 2020



The **Larson Electronics** Power Distribution series consists of portable power distribution products for industrial locations, combustible work sites and temporary projects with limited electrical infrastructure. These units make power management efficient and safe by providing access to panels, transformers, breakers, receptacles, cords and other electrical equipment at rugged job sites. Operators can use the power distribution systems in this series to rectify voltages (step up or step down), extend main or temporary power sources and power remote equipment. For seamless deployment around facilities, we offer several portable solutions that range from enclosed power distribution stations mounted on TGIC powder coated cubes to compact spider boxes with convenient handles and stands. Our standard models are finished with a durable polyester powder coated finish for protection from scratches, debris, moisture and mild corrosion. This allows our NEMA-rated power distribution units to be used in outdoor and rugged locations.

These industrial power systems are recommended for the following: construction, aerospace, stage, studio, recording sets, military, air force, mining, emergency sites, infrastructure projects, hazardous locations, oil fields, offshore rigs and refineries.

In this catalog, temporary power distribution units mounted on dolly carts are designed for quick deployment of power distribution equipment, such as panels, transformers, receptacles and cords. With all system components secured on a two-wheel, powder

coated dolly cart with a weatherproof flip cover, operators can easily move the unit from location to location. Powder coated cube frames with four wheels are available for enclosed power distribution stations. We also offer trailer-mounted and skid-mounted models, which are suitable for seamless transportation to remote locations.

Temporary, explosion proof power distribution units are for Class I, II and III, Divisions 1 and 2 rated hazardous locations and flammable environments. These products make power distribution possible in combustible work sites. For robust protection, the power distribution systems consist of non-sparking materials, such as copper-free aluminum, and explosion proof components. Our portable explosion proof power distribution units are also secured on powder coated carts with wheels for mobility.

For extending power connections and access to outlets in industrial sites, we offer mini power distribution systems and portable spider boxes. The compact units feature accessible handles for transportation, as well as for wrapping cords during storage. Our portable spider boxes are equipped with legs to keep the devices above ground and for extra stability on rough terrain. Additionally, power distribution products secured on standard ATA cases with wheels, racks and sturdy suitcases with handles are designed for stage, studios and recording sets. These sites have demanding requirements due to numerous temporary equipment that need power and electrical connections.



As a one-stop shop for portable power distribution solutions, our offerings include extension cords for general areas and hazardous locations. Customers may choose their preferred cord type and length in the catalog to ensure compatibility with their equipment at the site.

Larson Electronics offers customization services for the power distribution units in this catalog (at additional costs). Our customization services are designed for businesses with specific power distribution requirements or needs. Examples of features available for customization include: primary and/or secondary voltages, transformer capacity, panels, cords (type and length), cord caps, receptacles (type and quantity), mount, finish, color and more. We can also add devices to power distribution systems, such as meters, variable frequency drives, manual transfer switches, pilot lights and more. Contact us today at 1-800-369-6671 for more information about customization services for our power distribution products.

Dolly Carts

Larson Electronics portable power distribution systems on dolly carts provide voltage rectification, extend power connections and protect equipment in remote sites with limited access to infrastructure. To enhance mobility, all system components, such as transformers, panels, receptacles, breakers and cords, are secured to a steel, dolly cart style frame. Two run-flat tires enable movement around the work site. A curved, top-located handle offers seamless control during transportation, allowing deployment to be carried out by a single person. A center-point lifting eye can be accessed for lifting with cables or chain hooks. Standard power distribution stations on dolly carts feature a polyester powder coated blue finish for durability in rugged outdoor locations. This TGIC coating offers protection from bumps, scratches, sunlight, corrosion and moisture.

An accessible weatherproof flip cover with a handle (located at the front of the unit) protects primary/secondary breakers and receptacles from damage, debris, moisture and tampering. This flip cover can be locked in an open position when accessing system components. To achieve a NEMA 3R rating, the panels on these power distribution units come with a drain plug. Protecting the transformer and exterior jacket of wiring components are vibration isolators, which are also found on the breakers. Vibration isolators reduce noise during operation and prevents loose bolts.



BENEFITS

- All system components mounted on portable dolly cart
- NEMA 3R rated for indoor or outdoor use
- Top-located handle, two run-flat tires & center-point lifting eye
- Powder coated finish
- Weatherproof flip cover
- Vibration isolators
- Customization available



Cube Carts

Larson Electronics portable power distribution systems on cube carts provide voltage rectification, extend power connections and protect equipment in remote sites with limited access to infrastructure. All system components, such as transformers, panels, receptacles, breakers and cords, are enclosed and secured on a cube-style frame. Four locking casters enable movement around the work site. A curved, side-located handle offers seamless control during transportation, allowing deployment to be carried out by a single person. Skid pockets and four lifting eyes facilitate lifting with forklifts, cables or chain hooks. Standard power distribution stations on cube carts feature a polyester powder coated blue finish for durability in rugged outdoor locations. This TGIC coating offers protection from bumps, scratches, sunlight, corrosion and moisture.

Steel walls provide protection for system components in industrial environments. The walls are ventilated to promote natural cooling. Four lockable doors (two on each side) provide access to system components. Breakers are accessible on one side of the mobile station, while primary/secondary receptacles are available on the other side. Openings at the bottom of the receptacle enclosure allow operators to pass cords and wiring under the frame for organized and safe operation. Breakers and receptacles are labeled to prevent wrong connections.

BENEFITS

- All system components mounted inside an enclosed cube-style frame
- NEMA 3R rated for indoor or outdoor use
- Side-located handle, four locking casters, skid pockets and four lifting eyes
- Powder coated finish
- Separate breaker and receptacle enclosures
- Customization available



Spider Boxes

Larson Electronics portable spider boxes extend power connections and protect equipment in remote sites with limited access to infrastructure. All system components, such as receptacles with weatherproof covers, inlets and breakers, are secured on a compact, heavy-duty enclosure. Standard units feature a bright yellow finish for high visibility in rugged outdoor locations. Models with angled legs are recommended for keeping the power distribution devices above ground or stable on uneven, rough surfaces. Constructed of steel, our temporary spider boxes offer overload, short circuit, open neutral, reverse phasing and GFCI protection. Should circuit overload occur, the power distribution device automatically turns off to preserve the unit. These industrial spider boxes are NEMA 3R rated for use in both indoor and outdoor locations, as well as approved for wet locations.



BENEFITS

- All system components secured inside a steel, compact enclosure
- NEMA 3R rated for indoor or outdoor use, approved for wet locations
- Angled legs
- Safety yellow finish
- Overload, short circuit, open neutral, reverse phasing and GFCI protection
- Customization available

Mini PDU

Larson Electronics mini power distribution devices extend power connections and protect equipment in remote sites with limited access to infrastructure. All system components, such as receptacles with weatherproof covers, camlocks, inlets and breakers, are secured on a compact, heavy-duty enclosure. A flat or padded base ensures stability during use. Devices with a top-located handle allows operators to carry the device around work sites. This feature doubles as a cord wrap for space-saving storage.

Standard units feature a glossy blue, polyester powder coated finish for durability in rugged outdoor locations. This TGIC coating offers protection from bumps, scratches, sunlight, corrosion and moisture. Mini power distribution units with a bright yellow finish offer high visibility in work sites. Constructed of steel, our temporary spider boxes come with overload, short circuit, open neutral, reverse phasing and GFCI protection (depends on selected model). Should circuit overload occur, the power distribution device automatically turns off. These industrial units are NEMA 3R rated for use in both indoor and outdoor locations.



BENEFITS

- All system components secured inside a steel, compact enclosure
- NEMA 3R rated for indoor or outdoor use
- Flat or padded base
- Safety yellow or standard blue powder coated finish
- Automatically turns off upon sensing circuit overload
- Customization available

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