

Charles CP2 Power Distribution Pedestals

Non-Metallic Secondary Power Distribution Pedestals Set the Industry Standard for Safety and Performance

When it comes to power distribution in residential and public areas, safety must always be the primary concern. Charles CP2 Power Distribution Pedestals were designed with input from leading utility providers to create the safest, most functional secondary power service pedestals available. Featuring PVC construction, CP2 Power Distribution Pedestals feature superior dielectric strength and high volume resistivity, making them many times safer than metallic pedestals in protecting against stray voltage and electric shock.



In secondary low-voltage distribution networks, CP2 Power Distribution Pedestals can be used in joint trench or standalone applications to distribute power between a transformer and individual premises. These direct buried pedestal enclosures provide environmental protection of connectors, conductors, insulators and other power distribution equipment.

CP2 Pedestals feature a two-piece split base design that allows technicians to easily install additional drops after initial installation. This feature allows for quick replacement of corroded or otherwise damaged metallic pedestals in existing networks with minimal labor and disruption of service.

Product Features

- Non-metallic PVC construction won't rust, corrode, chip or fade and is non-conductive for stray voltage safety
- All attachment hardware and internal components designed to be isolated, preventing the possibility of electrical conduction to the pedestal exterior
- One-piece dome features patented "bell-jar" design that keeps internal equipment dry in high water conditions. Internal equipment is protected from floods, fires, and wind-blown dust and debris
- Double locking dome design features penta bolt recessed lock and padlockable hasp to prevent unauthorized entry and provide highest level of security for secondary power distribution products (per RDUP/RUS specification U-6)
- Dark green pedestal cap
- Customer specific labeling available



Split-Base Features



- Two-piece design allows pedestal to be easily placed around existing distribution points, ideal for rehabilitation of metal enclosures
- Corrugated channels provided stable placement in all soil types, including sandy soils
- Mounting stake holes placed on three different base sides for flexibility in stake placement. Base may be easily attached to joint trench mounting stakes
- Access slot for temporary drops
- Shoulder pin attachments join base halves
- Embossed ground line

Product Specifications

MECHANICAL

Dimensions:	43.5"H x 16.0"W x 15.0"D (overall, with dome attached)
Above ground line:	35.0"
Below ground line:	8.5"
Diameter:	12"
Usable Volume:	2585 cu. inches
Material Construction:	PVC

INDUSTRY STANDARDS

Flammability Rating:	5VA per UL 94 / ASTM D635
Dielectric Strength:	5,000 volts per UL 746C
Volume Resistivity:	50 mega-ohms per UL 746A
High-Current Arc Ignition Rating:	30 arcs per UL 746A
Hot-Wire Ignition Time:	30 seconds per ASTM D 3874
Cold Temperature Impact Rating:	-40°F per GR-13 / ASTM D256
Ball Pressure Test:	230°F per UL 746C
Color:	UV stabilized green, with standard utility dark green pedestal cap (weathering and UV testing per ASTM G154)



Ordering Information

<u>Part Number</u>	<u>Product Description</u>
CP212-EP	12" Diameter Pedestal, penta bolt lock and padlockable hasp
UMS30-STD	30" Steel Mounting Stake and Hardware
UMS42-STD	42" Steel Mounting Stake and Hardware

Accessory Kits Available

Charles can package ancillary components required for customer specific installation practices, including but not limited to:

- Terminal blocks
- Mounting stakes (Standard, Pole Mount, or Custom)
- Insulating boots
- Grounding and bonding hardware



INNOVATIVE ENCLOSED SOLUTIONS™



Dependable Solutions, Superior Support

- Field-proven and unequalled 24-hour technical support
- Individualized application consultation
- Superior quality (ISO 9001/TL 9000 registered)

Visit our website at <http://www.charlesindustries.com>

Charles Industries, Ltd. Voice: (847) 806-6300
Telecommunications Group Fax: (847) 806-6231
E-mail: mktserv@charlesindustries.com



D-OSP144-J13

 is a registered trademark of Charles Industries, Ltd.