Portable Power Solutions for Plant Turnarounds
Cooper Crouse-Hinds’ Industrial and Hazardous Portable Power Platform utilizes our industry-leading portfolio of NEC and IEC plugs and receptacles to provide custom solutions that improve the safety, time and control of power distribution for turnarounds.

**Equipment Readiness Days Before Shutdown**
- Eliminate the risk of unsafe portable power equipment
- No issues with limited power supplies
- No rush to install distribution centers and lighting during shutdown
- No worries of equipment not working
- No worries of contractor equipment not mating with outlets

**Improve safety, time and control of power distribution for turnarounds with Cooper Crouse-Hinds as your partner**

<table>
<thead>
<tr>
<th><strong>Current Situation</strong></th>
<th><strong>Cooper Crouse-Hinds Solution</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Install Equipment</td>
<td>Install Equipment (Power Off)</td>
</tr>
<tr>
<td>Perform Maintenance</td>
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</tr>
<tr>
<td>Remove Equipment</td>
<td>Remove Equipment (Power Off)</td>
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</tbody>
</table>

**Maximize safe power readiness.**

- Risk of unsafe equipment installed or used in classified areas.
- Wasted time spent during shutdown moving and connecting portable power equipment.
- Risk that equipment will not work or mate properly at start of maintenance (cannot be validated until shutdown occurs).
- Wasted time spent unplugging and removing equipment before power is restored.

**The Cooper Crouse-Hinds Solution**
- Install and validate products before power shutdown, allowing maintenance to begin immediately after power is turned off.
- Issue safe and reliable cable assemblies to contractors upon arrival, eliminating lost productivity due to product mating errors and control power consumption in classified areas.
- Safely restore plant operations before removing portable equipment.

**Portable Power Carts**
Engineered and manufactured for NEC and IEC applications in hazardous or ordinary locations. Power carts are custom-built to each customer’s unique application and are available with a huge number of design features, including overload protection, forklift tubes, environmental protection, lifting eyes, locking wheels, lockout/tagout, and more.

**Portable Lighting**
Cooper Crouse-Hinds market-leading luminaires are available in carts or stands, allowing for the set-up of your temporary lighting system within the hazardous area before shutdown.

**Cable Assemblies and GFCI Devices**
Safe and reliable cable assemblies in a large variety of devices, sizes, amperages, and lengths. Available with our industry-leading NEC product brands including Arklit®, Ark•Gard®, Posi-Lok®, and Cam-Lok®, as well as IEC configurations such as IEC 309 and Ex-Link®.
**Power Carts**

Solutions designed for industrial and hazardous application

Plant turnarounds can be complex, chaotic and costly events. During your next shutdown, turn to Cooper Crouse-Hinds for safe, reliable electrical power equipment that ensures efficient and successful operations.

- UL/cUL 1640 compliant
- 2-wheel, 4-wheel and skid options
- Standardized cart sizes reduce lead times and eliminate potential on-site placement issues
- Hazardous area power carts eliminate need for time-consuming area declassification and equipment monitoring

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**Technical Specs**

### Hazardous

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Industrial Non-Hazardous</th>
</tr>
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<tbody>
<tr>
<td>Primary Voltage: 240 – 600V</td>
<td>Max Secondary Current: 225A</td>
</tr>
<tr>
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<td>Max Secondary Current w/ Main: 225A</td>
</tr>
<tr>
<td>Max Secondary Voltage: 480V</td>
<td>Max Secondary Current: 225A</td>
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<td>Max Secondary Current: 225A</td>
<td>Max Secondary Current w/ Main: 225A</td>
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### Compatible Components

- Receptacles: CPS, ENR, CES, FSQC
- Transformers: 7.5 kVA, 9 kVA, 10 kVA, 15 kVA, 25 kVA
- Panelboards: EJB 12 circuit
- Disconnects: CPS AR, ENR WSQC, CES, FSQC WLRD
- Water tight: 25 kVA
- Twist lock: 25 kVA

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**Cart/Skid Sizes**

- **Non-Hazardous**
  - Cart 1: Width: 28” Length: 42” Height: 58”
  - Cart 2: Width: 28” Length: 42” Height: 58”

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**Design Features**

- Lifting Eyes
- Power Cord Holder
- Durable & Robust Carbon Steel Frame
- Pneumatic, Semi-Pneumatic, or Solid Rubber Wheel Options
- Forklift Confinement Tubes
- Enclosed Design Protects Components

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**4-Wheel & Skid**

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**Technical Specs**

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- Disconnects: CPS AR, ENR WSQC, CES, FSQC WLRD
- Water tight: 25 kVA
- Twist lock: 25 kVA

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**Cart/Skid Sizes**

- **Non-Hazardous**
  - Cart / Skid 1: Width: 30” Length: 46” Height: 58”
  - Cart / Skid 2: Width: 42” Length: 46” Height: 58”
  - Cart / Skid 3: Width: 40” Length: 62” Height: 58”
  - Cart / Skid 4: Width: 33” Length: 62” Height: 58”

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**Cart / Skid 1**

- **Non-Hazardous**
  - Cart: Width: 28” Length: 42” Height: 58”

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**Cart / Skid 2**

- **Non-Hazardous**
  - Cart: Width: 28” Length: 42” Height: 58”

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**Cart / Skid 3**

- **Non-Hazardous**
  - Cart: Width: 28” Length: 42” Height: 58”

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**Cart / Skid 4**

- **Non-Hazardous**
  - Cart: Width: 28” Length: 42” Height: 58”

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**Design Features**

- Lifting Eyes
- Removable Roof
- Durable & Robust Carbon Steel Frame
- Forklift Confinement Tubes
- Enclosed Design Protects Components
- Caster, Pneumatic, Semi-Pneumatic, or Solid Rubber Wheel Options
Portable Power Solutions for Plant Turnarounds

Ark•Gard™ Series

Portable ENR-GFCI Assemblies

Portable ENR-GFCI Assemblies are used:

• To interrupt a circuit when a ground fault is detected on portable equipment which may be handled by personnel in hazardous locations

• With electrical equipment such as portable hazardous-rated hand lamps

• Suitable for use in Class I Division 1 and 2 locations

Design Features

• Provides hazardous location earth leakage protection to maximize safety of plant personnel

• Solution to OSHA’s requirements for GFCI protection when using portable equipment in hazardous areas

• LED indicator light provides indication that the receptacle is energized and ready for use

• Available with either a red or green LED indicator light to provide indication that the receptacle is energized and ready for use

• Assemblies still consist of the same high quality components that make up the industry-leading Ark•Gard series

Ordering Information

<table>
<thead>
<tr>
<th>Amp</th>
<th>Pilot Light</th>
<th>Portable ENR-GFCI Cat. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Red LED</td>
<td>ENR22201 PIF1 RLED</td>
</tr>
<tr>
<td></td>
<td>Green LED</td>
<td>ENR22201 PIF1 LED</td>
</tr>
</tbody>
</table>

Portable GFCI

Cable Assemblies

Portable GFCI Cable Assemblies allow for:

• Non-hazardous equipment connections with hazardous receptacles when areas have been declassified or hot work permits issued

• Earth leakage personnel protection when operating equipment such as drills, saws and hand lamps

Design Features

• Improve Safety - earth leakage protection provides assurance that personnel and equipment are protected from ground fault hazards when performing maintenance

• Increased Reliability - construction meets Cooper Crouse-Hinds superior quality standards

• Increased Time Savings: turn-key solution eliminates need for hazardous plugs to be installed on non-hazardous power tools

• Increased Flexibility - available with a variety of plug options to mate with a range of installed base of Cooper Crouse-Hinds receptacles

Ordering Information

<table>
<thead>
<tr>
<th>Plug Style</th>
<th>Plug Pin Configuration</th>
<th>Plug Rating</th>
<th>Group Trip Current</th>
<th>Cord Length</th>
<th>Cord Gauge</th>
<th>Cable Assembly Cat. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENPS201</td>
<td>NEMA 5-20</td>
<td>20 Amp 125 Volt</td>
<td>4-6 mA</td>
<td>2'</td>
<td>12/3 AWG</td>
<td>ENPS201 GFI</td>
</tr>
<tr>
<td>ENPS151</td>
<td>NEMA 5-20</td>
<td>15 Amp 125 Volt</td>
<td>4-6 mA</td>
<td>2'</td>
<td>12/3 AWG</td>
<td>ENPS151 GFI</td>
</tr>
<tr>
<td>CPPS516</td>
<td>UL 1686 20A 3P</td>
<td>20 Amp 125 Volt</td>
<td>4-6 mA</td>
<td>2'</td>
<td>12/3 AWG</td>
<td>CPPS516 GFI</td>
</tr>
<tr>
<td>CPPS516</td>
<td>UL 1686 20A 3P</td>
<td>20Amp 240 Volt</td>
<td>4-6 mA</td>
<td>2'</td>
<td>12/3 AWG</td>
<td>CPPS516 GFI 240V</td>
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