With our modern electrical grids we have placed extreme confidence that the system won't let us down. Between natural and man-made electrical outages most businesses will see a disturbance throughout the year. These disturbances can often have a massive financial and reputational impact on a company by missing critical due dates or lost productivity. It has been stated by EPRI studies that power outages North America wide cost well over $100 billion per year.

Even if your facility has a generator on site you may see small disturbances when load bank testing your generators. Load bank testing is a critical component to owning a permanent generator to stay code compliant and avoid any maintenance issues such as wet stacking which can cause significant damage to your generator or even worse put it offline completely.

With Foxfab's wide range of generator and load bank connection cabinets you will always have the confidence of being able to quickly and safely keep your facility online and on time. Having a docking station mounted on the side of your building or an accessible area like a loading dock, or underground parking, offers a safe and clean way to get power into your electrical room without disrupting public areas, sidewalks, and stairwells.

ARE YOU PREPARED?

BENEFITS OF GENERATOR QUICK CONNECT PRODUCTS

Foxfab has a range of generator quick connect products that can be used in a variety of critical power applications. These products have been engineered to allow easy, safe, and quick access to power up a facility with a temporary or roll up generator. These could be used during construction, permanent generator maintenance, or storm power situations.

Problems for facilities without Generator Tie in equipment include:

- Field modifications to existing switchgear
- Building modifications to allow wiring access, drilling walls, coring floors
- Running cables through public areas, windows, doors
- Public Safety and Security.

Benefits of using permanent Foxfab Generator Connection Solutions:

- Safe, clean permanent install
- Installed under non chaotic emergency conditions
- Keeps away from public areas
- Much faster connection speed to get online
- Easy for building operations to connect.
## Historic Power Outages

<table>
<thead>
<tr>
<th>YEAR</th>
<th>LOCATION</th>
<th>CAUSE</th>
<th>AFFECTED CUSTOMERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>Southeastern &amp; Northeastern USA</td>
<td>Hurricane Irma</td>
<td>TBA</td>
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<tr>
<td>2017</td>
<td>Southern &amp; Eastern USA</td>
<td>Hurricane Harvey</td>
<td>350,000</td>
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<td>2016</td>
<td>Tallahassee FL</td>
<td>Hurricane Hermine</td>
<td>90,000</td>
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<tr>
<td>2015</td>
<td>Spokane WA</td>
<td>Wind Storm</td>
<td>750,000</td>
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<tr>
<td>2015</td>
<td>Vancouver BC</td>
<td>Wind Storm</td>
<td>TBA</td>
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<tr>
<td>2013</td>
<td>Toronto ON</td>
<td>Ice Storm</td>
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<tr>
<td>2013</td>
<td>Northeastern USA</td>
<td>Winter Storm, Nor’Easter</td>
<td>425,000</td>
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<td>2013</td>
<td>Eastern USA</td>
<td>Hurricane Sandy</td>
<td>8,000,000</td>
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<tr>
<td>2013</td>
<td>Mid-Atlantic and Midwest US</td>
<td>Severe Thunderstorms – Derecho</td>
<td>3,800,000</td>
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<tr>
<td>2012</td>
<td>Southern California and Arizona</td>
<td>Power Substation Equipment Failure</td>
<td>5,000,000</td>
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<tr>
<td>2012</td>
<td>East Coast USA</td>
<td>Hurricane Irene</td>
<td>5,000,000</td>
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<tr>
<td>2011</td>
<td>Chicago &amp; Illinois</td>
<td>Severe Thunderstorms – Derecho</td>
<td>850,000</td>
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<td>2011</td>
<td>Texas</td>
<td>Power Plant Outage</td>
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<tr>
<td>2011</td>
<td>Washington D.C.</td>
<td>Severe Storms</td>
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<td>Blizzard</td>
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<td>2010</td>
<td>Kentucky and Southern Indiana</td>
<td>Ice Storm</td>
<td>768,000</td>
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<tr>
<td>2010</td>
<td>Northeastern USA</td>
<td>Ice Storm</td>
<td>1,000,000</td>
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<tr>
<td>2010</td>
<td>Massachusetts and New Hampshire</td>
<td>Ice Storm</td>
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<td>2010</td>
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<td>2009</td>
<td>Florida</td>
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<td>Great Plains USA</td>
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<td>Eastern Newfoundland &amp; Labrador</td>
<td>Winter Storm</td>
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<td>2006</td>
<td>Southern and Eastern Ontario</td>
<td>Severe Thunderstorms</td>
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<td>2006</td>
<td>Quebec CAN</td>
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<td>2005</td>
<td>Southeastern USA</td>
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<td>Hurricane Isabel</td>
<td>4,300,000</td>
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<tr>
<td>2005</td>
<td>Northeastern USA and Central CAN</td>
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<td>2003</td>
<td>Memphis TN</td>
<td>Wind Storm</td>
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<td>2002</td>
<td>Jacksonville FL</td>
<td>Utility Equipment Failure</td>
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## Commercial Grade Connection Cabinets

Foxfab’s Commercial Grade Connection Cabinets offer standard features such as steel construction and are mainly focused on an economical design.

### CAMLOCK COLOUR GUIDE

#### USA

<table>
<thead>
<tr>
<th>Voltage</th>
<th>L1</th>
<th>L2</th>
<th>L3</th>
<th>Neutral</th>
<th>Ground</th>
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<td>120/240</td>
<td>BLK</td>
<td>RED</td>
<td>WHT</td>
<td>WHT</td>
<td>GRN</td>
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<tr>
<td>240V</td>
<td>BLK</td>
<td>RED</td>
<td>RED</td>
<td>WHT</td>
<td>GRN</td>
</tr>
<tr>
<td>208Y/120</td>
<td>BLK</td>
<td>RED</td>
<td>RED</td>
<td>WHT</td>
<td>GRN</td>
</tr>
<tr>
<td>480Y/277</td>
<td>RED</td>
<td>ORG</td>
<td>YEL</td>
<td>WHT</td>
<td>GRN</td>
</tr>
<tr>
<td>480V</td>
<td>RED</td>
<td>ORG</td>
<td>YEL</td>
<td>WHT</td>
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#### CANADA

<table>
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<tr>
<th>Voltage</th>
<th>L1</th>
<th>L2</th>
<th>L3</th>
<th>Neutral</th>
<th>Ground</th>
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</thead>
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<tr>
<td>120/240</td>
<td>RED</td>
<td>RED</td>
<td>RED</td>
<td>WHT</td>
<td>GRN</td>
</tr>
<tr>
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<td>RED</td>
<td>RED</td>
<td>RED</td>
<td>WHT</td>
<td>GRN</td>
</tr>
<tr>
<td>208Y/120</td>
<td>RED</td>
<td>RED</td>
<td>RED</td>
<td>WHT</td>
<td>GRN</td>
</tr>
<tr>
<td>600Y/347</td>
<td>RED</td>
<td>RED</td>
<td>RED</td>
<td>WHT</td>
<td>GRN</td>
</tr>
<tr>
<td>600V</td>
<td>RED</td>
<td>RED</td>
<td>RED</td>
<td>WHT</td>
<td>GRN</td>
</tr>
</tbody>
</table>

## Commercial Grade Connection Cabinets

Foxfab’s Commercial Grade Connection Cabinets come with premium design features including aluminum or stainless steel construction and Type 4/4X ratings.

### Reference: en.wikipedia.org

### Table of Contents

1. Introduction
2. Commercial Grade Connection Cabinets
3. CAMLOCK COLOUR GUIDE
4. HISTORIC POWER OUTAGES
5. TRANSFER SWITCHES
6. TABLES
7. SPEC GRADE CONNECTION CABINETS
8. ACCESSORIES
9. ABOUT FOXFAB
10. USA tables
11. Canada tables
12. KVA/KW Amperage chart
13. About FOXFAB
COMMERCIAL GRADE CONNECTION CABINETS

**FFCC-A1**

**CONNECTION CABINET 400-1200A (CAMLOCK CONNECTIONS)**

Features:
- Steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Mechanical lugs for facility connections as per standard lug kits
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

Dimensions:
- 36”T x 30”W x 16”D

**EX. # FFCC-A1 - 800 - 0 - G - CRS - LA - A25**

Voltage:
- U3 = 208Y/120V

Lug Configuration (per pole):
- LA = (3) #4 AWG - 600 MCM, (3) #1/0 GND

Accessories:
- A25 = 400A Camlock Cable Set (25ft)

*Refer to Voltage Table for complete options*
*Refer to Lug Configuration Table for complete options*
*Refer to Accessories Table for complete options*

**FFCC-A2**

**CONNECTION CABINET W/ MANUAL TRANSFER SWITCH OR ROTARY DISCONNECT 100-800A (CAMLOCK CONNECTIONS)**

Features:
- Steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Mechanical lugs for facility connections as per standard lug kits
- Manual Transfer Switch or Rotary Disconnect
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

Dimensions:
- 36”T x 30”W x 16”D

**EX. # FFCC-A2 - 800 - 0 - T - G - CRS - LA - A25**

Voltage:
- U3 = 208Y/120V

Lug Configuration (per pole):
- LA = (3) #4 AWG - 600 MCM, (3) #1/0 GND

Accessories:
- A25 = 400A Camlock Cable Set (25ft)

*Refer to Voltage Table for complete options*
*Refer to Lug Configuration Table for complete options*
*Refer to Accessories Table for complete options*
## FFCC-A3
### Connection Cabinet W/ Molded Case Breaker or Switch 100-800A (Camlock Connections)

**Features:**
- Steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Mechanical lugs for facility connections as per standard lug kits
- Molded Case Breaker or Switch
- Configurable for Generator (Inlet) or Load Bank (Outlet)

**Rated up to 600VAC**
**cULus Listed**

**Dimensions:**
- 36”T x 30”W x 16”D

---

**Voltage**
- U3 = 208Y/120V

**Lug Configuration (per pole):**
- LA = (2) #6 AWG - 250 MCM, (2) #2 GND

**Accessories**
- A25 = 400A Camlock Cable Set (25ft)

---

**EX. #**
- FFCC-A3 - 800
- U3 - 6
- CRS - 400
- LA - 25

---

## FFCC-CLC
### Compact Connection Cabinet 400-3200A (Lug Connections)

**Features:**
- Steel construction
- Type 3R weatherproof enclosure
- Compact wall mount design
- Mechanical lugs for generator/load bank and facility connections as per standard lug kits
- Copper bussing
- Rated up to 600VAC
- cULus Listed

**Dimensions:**
- 36”T x 30”W x 16”D (800A and below)
- 60”T x 48”W x 16”D (Above 800A)

---

**Voltage**
- V3 = 208Y/120V

**Lug Configuration (per pole):**
- LA = (3) #4 AWG - 600 MCM, (3) #1/0 GND

**Accessories**
- A25 = 400A Camlock Cable Set (25ft)

---

**EX. #**
- FFCC-CLC - 400
- V3 - 6
- CRS - 400
- LA - 25

---

**Voltage**
- U3 = 208Y/120V

**Lug Configuration (per pole):**
- LA = (2) #6 AWG - 250 MCM, (2) #2 GND

**Accessories**
- A25 = 400A Camlock Cable Set (25ft)

---

**EX. #**
- FFCC-CLC - 800
- U3 - 6
- CRS - 400
- LA - 25

---

**Voltage**
- U3 = 208Y/120V

**Lug Configuration (per pole):**
- LA = (3) #4 AWG - 600 MCM, (3) #1/0 GND

**Accessories**
- A25 = 400A Camlock Cable Set (25ft)
FFCC-B1
CONNECTION CABINET
400-3200A
(CAMLOCK CONNECTIONS)

Features:
› Aluminium or stainless steel construction
› Type 3R weatherproof enclosure
› Wall mount design
› Front, side and bottom access doors
› Colour coded camlock receptacles
› Mechanical lugs for facility connections as per standard lug kits
› Copper bussing
› Ideal for Bottom Entry Cable installations
› Configurable for Generator (Inlet) or Load Bank (Outlet)
› Rated up to 600VAC
› cULus Listed

Dimensions:
› 48"T x 50"W x 16"D (2400A & below)
› 48"T x 50"W x 24"D (Above 2400A)

FFCC-B2
CONNECTION CABINET
400-4000A
(LUG CONNECTIONS)

Features:
› Aluminium or stainless steel construction
› Type 3R weatherproof enclosure
› Wall mount design
› Front, side and bottom access doors
› Mechanical lugs for facility connections as per standard lug kits
› Copper bussing
› Ideal for Bottom Entry Cable installations
› Rated up to 600VAC
› cULus Listed

Dimensions:
› 48"T x 50"W x 16"D

EX. # |
FFCC-B1 |
--- |
2000 |
U3 |
G |
ALU |
LA |
A25 |

Voltage:
U3 = 208Y/120V

Lug Configuration (per pole):
LA = (6) #4 AWG - 600 MCM, (6) #1/0 GND

Accessories:
A25 = 400A Camlock Cable Set (25ft)

EX. # |
FFCC-B2 |
--- |
800 |
V7 |
ALU |
LA |
A25 |

Voltage:
V7 = 600V

Lug Configuration (per pole):
LA = (3) #4 AWG - 600 MCM, (3) #1/0 GND

Accessories:
A25 = 400A Camlock Cable Set (25ft)

*Refer to Voltage Table for complete options
*Refer to Lug Configuration Table for complete options
*Refer to Accessories Table for complete options

Voltage Table:
- U3 = 208Y/120V
- V7 = 600V

Lug Configuration Table:
- LA = (6) #4 AWG - 600 MCM, (6) #1/0 GND

Accessories Table:
- A25 = 400A Camlock Cable Set (25ft)
LOAD BANK CONNECTION SOLUTIONS

A major problem for all facilities is how to load bank test and where to connect into the system. This can have many complications on site:

› Running large cables through unsecured doors or public areas
› Getting permits for parking units on streets or in entranceways
› Having to modify existing switchgear or transfer switches
› Damaging existing switchgear or transfer switches
› Exposed and dangerous bus work can be hazardous to workers
› Increased load bank test time and labour bills.

Foxfab can solve these problems by working with the facilities to use one of our Load Bank Connection cabinets and have it permanently installed in an easy to access location.

› Ensure safe reliable connection
› Places unit in convenient location out of public areas
› Allows testing to be done during business hours
› Reduces load bank testing costs
› Reduces labour on site
› Live switchgear remains closed and protected.

EX. # FFCC-C1 - 800 - U3 - G - ALU - LA - A25

Voltage
- 120V/208Y/120V

Lug Configuration (per pole)
LA = (3) #4 AWG - 600 MCM, (3) #1/0 GND

Accessories
A25 = 400A Camlock Cable Set (25ft)

Connection
G = Portable Generator (Inlet)
L = Load Bank (Outlet)

Amps
- 60
- 100
- 200
- 400
- 800
- 1200

Enclosure Construction
- ALU = 5052 Aluminum
- 304 = 304 Stainless Steel
- 316 = 316 Stainless Steel

*Refer to Voltage Table for complete options
*Refer to Lug Configuration Table for complete options
*Refer to Accessories Table for complete options

Connection Cabinet
400-1200A (Camlock Connections)

Features:
- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Angled camlock plate
- Cable holder to prevent tampering or theft
- Mechanical lugs for facility connections as per standard lug kits
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

Dimensions:
- 30”T x 24”W x 8”D (400A and below)
- 42”T x 30”W x 16”D (Above 400A)
The benefits of load bank testing are very obvious for any generator installation and have been documented and researched for many years. Benefits include:

- Backup validation without risking critical building loads
- Generator performing to engineered specifications
- Allows easy documentation of testing to monitor trends
- Allows for Infrared testing to ensure sound installation throughout facility
- Eliminates wet stacking and problems related to it
- Allows preventative maintenance program on all components
- Easy generator commissioning or adjustments.

The list of benefits from load bank testing continues to grow as more research is performed.

**FFCC-C2**

**CONNECTION CABINET W/ MANUAL TRANSFER SWITCH OR ROTARY DISCONNECT 100-1200A (CAMLOCK CONNECTIONS)**

**Features:**

- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Angled camlock plate
- Cable holder to prevent tampering or theft
- Mechanical lugs for facility connections as per standard lug kits
- Manual Transfer Switch or Rotary Disconnect
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

**Dimensions:**

- 42”T x 30”W x 16”D (800A & below)
- 60”T x 36”W x 24”D (1200A)

**EX. # FFCC-C2 - 800**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Type</th>
<th>U3</th>
<th>ALU</th>
<th>LA</th>
<th>A25</th>
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<tr>
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<td>ALU</td>
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<td>1200</td>
<td>T</td>
<td>ALU</td>
<td>ALU</td>
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**Connection:**

- U = Portable Generator (Inlet)
- L = Load Bank (Outlet)

<table>
<thead>
<tr>
<th>EX. # FFCC-C2 - 800</th>
<th>T</th>
<th>U3</th>
<th>ALU</th>
<th>LA</th>
<th>A25</th>
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<tr>
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<td>T</td>
<td></td>
<td>ALU</td>
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<td></td>
<td>T</td>
<td>ALU</td>
<td>ALU</td>
<td></td>
<td></td>
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</table>

**Type:**

- T = Manual Transfer Switch
- D = Rotary Disconnect

**Enclosure Construction:**

- ALU = 5052 Aluminum
- 304 = 304 Stainless Steel
- 316 = 316 Stainless Steel

**U2**

**U2 Configuration:**

- LA = 200A/120V
- LA = 200A/120V
- LA = 200A/120V

**U1**

**U1 Configuration:**

- LA = 200A/120V
- LA = 200A/120V
- LA = 200A/120V

**U0**

**U0 Configuration:**

- LA = 200A/120V
- LA = 200A/120V
- LA = 200A/120V

**LA**

- LA = 200A/120V
- LA = 200A/120V
- LA = 200A/120V

**Accessories:**

- A25 = 400A Camlock Cable Set (25ft)

**Refer to Voltage Table for complete options**

**Refer to Lug Configuration Table for complete options**

**Refer to Accessories Table for complete options**
The FFCC-C3 Power Box is designed to provide an easy power connection point for portable event power, trailers, amusement park power, food trucks and movie set trailers. Options that can be added include indicator lights to show power state, power meter which can be used for revenue metering and convenience receptacles.

Contact Foxfab to help provide a safe and reliable solution for your site power needs.

**FFCC-C3**

**CONNECTION CABINET W/ MOLDED CASE BREAKER OR SWITCH 100-1200A (CAMLOCK CONNECTIONS)**

**Features:**
- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Angled camlock plate
- Cable holder to prevent tampering or theft
- Mechanical lugs for facility connections as per standard lug kits
- Molded Case Breaker or Switch
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

**Dimensions:**
- 42"T x 30"W x 16"D (800A & below)
- 60"T x 36"W x 24"D (1200A)

**Features:**
- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Angled camlock plate
- Cable holder to prevent tampering or theft
- Mechanical lugs for facility connections as per standard lug kits
- Molded Case Breaker or Switch
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

**Dimensions:**
- 42"T x 30"W x 16"D (800A & below)
- 60"T x 36"W x 24"D (1200A)

**Benefits of the FFCC-C3 Power Box**

**Connection Cabinet with molded case breaker or switch 100-1200A (Camlock Connections)**

**Features:**
- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Angled camlock plate
- Cable holder to prevent tampering or theft
- Mechanical lugs for facility connections as per standard lug kits
- Molded Case Breaker or Switch
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

**Dimensions:**
- 42"T x 30"W x 16"D (800A & below)
- 60"T x 36"W x 24"D (1200A)

**Connection Cabinet with molded case breaker or switch 100-1200A (Camlock Connections)**

**Features:**
- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Angled camlock plate
- Cable holder to prevent tampering or theft
- Mechanical lugs for facility connections as per standard lug kits
- Molded Case Breaker or Switch
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

**Dimensions:**
- 42"T x 30"W x 16"D (800A & below)
- 60"T x 36"W x 24"D (1200A)

**Benefits of the FFCC-C3 Power Box**

The FFCC-C3 Power Box is designed to provide an easy power connection point for portable event power, trailers, amusement park power, food trucks and movie set trailers.

Options that can be added include indicator lights to show power state, power meter which can be used for revenue metering and convenience receptacles.

Contact Foxfab to help provide a safe and reliable solution for your site power needs.
**FFCC-C4**

Connection Cabinet w/ Posi-lock 200-1200A (Camlock Connections)

**Features:**
- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- Colour coded camlock receptacles
- Angled camlock plate
- Cable holder to prevent tampering or theft
- Mechanical lugs for facility connections as per standard lug kits
- Posi-lock power distribution system
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

**Dimensions:**
- 42”T x 30”W x 24”D

---

**FFCC-P1**

Padmount Connection Cabinet 1200-4000A (Camlock Connections)

**Features:**
- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Padmount design
- Colour coded camlock receptacles
- Mechanical lugs for facility connections as per standard lug kits
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

**Dimensions:**
- 78”T x 45”W x 38”D

---

**Voltage**
- U3 = 208Y/120V

**Lug Configuration (per pole)**
- LA = (3) #4 AWG - 600 MCM, (3) #1/0 GND

**Accessories**
- A25 = 400A Camlock Cable Set (25ft)

---

**EX. # FFCC-C4**

- 800
- U3
- G
- ALU
- LA
- A25

---

**EX. # FFCC-P1**

- 3200
- U3
- G
- ALU
- LA
- A25

---

*Refer to Voltage Table for complete options
*Refer to Lug Configuration Table for complete options
*Refer to Accessories Table for complete options
**FFCC-P2**

**PADMOUNT CONNECTION CABINET W/ MOLDED CASE BREAKER OR SWITCH 1200-4000A (CAMLOCK CONNECTIONS)**

**Features:**
- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Padmount design
- Colour coded camlock receptacles
- Mechanical lugs for facility connections as per standard lug kits
- Molded Case Breaker or Switch
- Configurable for Generator (Inlet) or Load Bank (Outlet)
- Rated up to 600VAC
- cULus Listed

**Dimensions:**
- 78"T x 45"W x 38"D

**EX. #**

<table>
<thead>
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<th>EX. #</th>
<th>FFCC-P2</th>
<th>3200</th>
<th>TM</th>
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**Voltage**

- 240V
- 480V
- 600V

**Connection**

- Portable Generator (Inlet)
- Load Bank (Outlet)

**C.B. Trip Unit**

- TM = Thermal Magnetic
- LS = Electronic LS
- LSI = Electronic LSI
- LSG = Electronic LSG
- LSIG = Electronic LSIG
- KS = Molded Case Switch

**Amps**

- 1200
- 1600
- 2000
- 2400
- 2800
- 3000
- 3200
- 3600
- 4000

*Refer to Voltage Table for complete options
*Refer to Lug Configuration Table for complete options
*Refer to Accessories Table for complete options

---

**FFCC-S1**

**CONNECTION CABINET W/ 3-WAY MANUAL TRANSFER SWITCH 400-1200A (CAMLOCK CONNECTIONS)**

**Features:**
- Aluminum or stainless steel construction
- Type 3R weatherproof enclosure
- Wall mount design
- 3-way manual transfer switch
- Interlocked switches prevent cross-connecting power sources
- Colour coded camlock receptacles
- Mechanical lugs for facility connections as per standard lug kits
- Rated up to 600VAC
- cULus Listed

**Dimensions:**
- 65"T x 63"W x 20"D

**EX. #**

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<thead>
<tr>
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<th>FFCC-S1</th>
<th>1200</th>
<th>TM</th>
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<th>G</th>
<th>ALU</th>
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<th>A25</th>
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</tbody>
</table>

**Voltage**

- 240V
- 480V
- 600V

**Connection**

- Portable Generator (Inlet)
- Load Bank (Outlet)

**C.B. Trip Unit**

- TM = Thermal Magnetic
- LS = Electronic LS
- LSI = Electronic LSI
- LSG = Electronic LSG
- LSIG = Electronic LSIG
- KS = Molded Case Switch

**Amps**

- 1200
- 1600
- 2000
- 2400
- 2800
- 3000
- 3200
- 3600
- 4000

*Refer to Voltage Table for complete options
*Refer to Lug Configuration Table for complete options
*Refer to Accessories Table for complete options
Sure Power Load Bank Connection

The FFCC-S1/S2 Series 3-Way Manual Transfer Switch (MTS) Connection Cabinets (CC) allow safe selection between Permanent Generator and Load Bank, Permanent Generator and Automatic Transfer Switch, and Automatic Transfer Switch and Emergency Generator.

Load bank testing typically leaves critical loads vulnerable to a loss in power since the permanent generator is disconnected from the system during testing. The 3-Way MTS CCs allow critical loads to still be backed up in case of a utility power outage as it gives the ability to have a portable emergency generator to be tied into the system through the 3-Way MTS CC.

The 3-Way MTS CCs also provide significant cost reductions. The time required to get a load bank test or portable emergency generator set-up is drastically reduced as the unit provides colour coded camlock connectors for quick and easy installation.

Applications include:

› Airports
› Hospitals
› Wastewater Treatment
› Care Homes
› Financial Institutions
› Data Centers
› Industrial Sites

Features:

› Aluminum or stainless steel construction
› Type 3R weatherproof enclosure
› Padmount design
› 3-way manual transfer switch
› Interlocked switches prevent cross-connecting power sources
› Colour coded camlock receptacles
› Mechanical lugs for facility connections as per standard lug kits
› Rated up to 600VAC
› cULus Listed

Dimensions:

91"T x 115"W x 25"D

FFCC-S2 Padmount Connection Cabinet w/ 3-Way Manual Transfer Switch 800-4000A (Camlock Connections)
transfer switches

**FEATURES:**
- Steel construction
- Type 3R weatherproof enclosure
- Wall mount or free standing design
- Non-fused manual transfer switch
- Pilot light indication showing normal/emergency supply selection
- Pad-lockable operating handle
- Mechanical line and load as per standard lug kits
- Rated up to 600VAC
- cULus Listed

**DIMENSIONS:**
- 34"T x 30"W x 14"D (200A and below)
- 60"T x 36"W x 28"D (Above 200A)

**FFTS-M2N**
MANUAL TRANSFER SWITCH
NON-FUSED 100-1200A (LUG CONNECTIONS)

**EX. #**  
FFTS-M2N - 800 - V3 - CRS - LA - A25

**ACCESSORIES**
- LA = (3) #4 AWG - 600 MCM, (3) #1/0 GND
- A25 = 400A Camlock Cable Set (25ft)

**VOLTAGE**
- V3 = 208Y/120V

**LUG CONFIGURATION (PER POLE)**
- CRS = Cold Rolled Steel

**FFTS-M2F**
MANUAL TRANSFER SWITCH
FUSED 100-1200A (LUG CONNECTIONS)

**EX. #**  
FFTS-M2F - 800 - V3 - CRS - LA - A25

**ACCESSORIES**
- LA = (3) #4 AWG - 600 MCM, (3) #1/0 GND
- A25 = 400A Camlock Cable Set (25ft)

**VOLTAGE**
- V3 = 208Y/120V

**LUG CONFIGURATION (PER POLE)**
- CRS = Cold Rolled Steel

*Refer to Voltage Table for complete options
*Refer to Lug Configuration Table for complete options
*Refer to Accessories Table for complete options
### VOLTAGE (CAMLOCK CONNECTIONS)

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>120/240V</td>
<td>UI</td>
<td>A B C N G</td>
<td>C1</td>
<td>A B C N G</td>
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<tr>
<td>240V</td>
<td>U2</td>
<td>A B C N G</td>
<td>C2</td>
<td>A B C N G</td>
</tr>
<tr>
<td>208Y/277V</td>
<td>U5</td>
<td>A B C N G</td>
<td>C4</td>
<td>A B C N G</td>
</tr>
<tr>
<td>480V/347V</td>
<td>U5</td>
<td>A B C N G</td>
<td>C4</td>
<td>A B C N G</td>
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<tr>
<td>600V</td>
<td>U5</td>
<td>A B C N G</td>
<td>C5</td>
<td>A B C N G</td>
</tr>
<tr>
<td>120/240V (2PH + N + G)</td>
<td>V1</td>
<td>240V (3PH + G)</td>
<td>V2</td>
<td>208Y/277V (2PH + N + G)</td>
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<tr>
<td>480V (3PH + G)</td>
<td>V4</td>
<td>600Y/347V (3PH + N + G)</td>
<td>V6</td>
<td>600V (3PH + G)</td>
</tr>
</tbody>
</table>

### ACCESSORIES (A1 to C2)

| Model/Code | A1 | A2 | A3 | CLC | B1 | B2 | B3 | C1 | C2 | C3 | C4 | P1 | P2 | S1 | S2 | M2N | M2F |
|------------|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|-----|-----|
| UL LISTINGS                                      | ✓  | ✓  | ✓  | ✓   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓  |
| ACCESSORIES (A1 to C2)                           | |    |    |     |    |    |    |    |    |    |    |    |    |    |     |     |
| Model/Code | A1 | A2 | A3 | CLC | B1 | B2 | B3 | C1 | C2 | C3 | C4 | P1 | P2 | S1 | S2 | M2N | M2F |
| ACCESSORIES (C3 to M2F)                          | |    |    |     |    |    |    |    |    |    |    |    |    |    |     |     |

### LUG CONFIGURATION (PER POLE)

<table>
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<tr>
<th>Amps</th>
<th>Option LA</th>
<th>Option LC</th>
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</thead>
<tbody>
<tr>
<td>60A</td>
<td>(1) #6 AWG - 250 MCM, (1) #2 GND</td>
<td>(1) #4 AWG - 600 MCM, (1) #2/0 GND</td>
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<tr>
<td>100A</td>
<td>(1) #6 AWG - 250 MCM, (1) #2 GND</td>
<td>(1) #4 AWG - 600 MCM, (1) #2/0 GND</td>
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<td>(1) #6 AWG - 250 MCM, (1) #2 GND</td>
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<td>400A</td>
<td>(2) #6 AWG - 250 MCM, (2) #2 GND</td>
<td>(1) #4 AWG - 600 MCM, (1) #2/0 GND</td>
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<tr>
<td>600A</td>
<td>(2) #6 AWG - 250 MCM, (2) #2 GND</td>
<td>(2) #4 AWG - 600 MCM, (2) #2/0 GND</td>
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<tr>
<td>800A</td>
<td>(3) #4 AWG - 600 MCM, (3) #2/0 GND</td>
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<td>(3) #6 AWG - 1000 MCM, (3) #2/0 GND</td>
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<td>1600A</td>
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<td>(4) #6 AWG - 1000 MCM, (4) #2/0 GND</td>
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<td>(5) #6 AWG - 1000 MCM, (5) #2/0 GND</td>
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<td>3000A</td>
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<td>3200A</td>
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<td>4000A</td>
<td>(11) #4 AWG - 600 MCM, (11) #2/0 GND</td>
<td>(10) #6 AWG - 1000 MCM, (10) #2/0 GND</td>
</tr>
</tbody>
</table>

* For custom lug sizes, specify when ordering.
Camlock cable sets come complete with camlock plugs in specified lengths.

- Dura-Flex Type W 2000V 4/0 Power Cable
- 30 gauge flexible stranding
- Excellent resistance to acids, alkalies, chemicals, heat, flame, and moisture
- Oil Resistant
- -40°C to +90°C Dry
- 90°C Wet Rating
Foxfab Power Solutions was founded in 2007 as a manufacturer serving the electrical industry. Our engineering and design teams focus on continuous innovation of ETL/CSA/UL certified control and distribution products within the outdoor power solutions market. We work closely with our partners—power and control engineering consultants, electrical distributors, contractors and end-users—to develop unique solutions for specific customer requirements.

As a certified panel shop to UL 508A we are approved to manufacture industrial control panels and our engineering department provides the design expertise for control and automation, power distribution and protection.

Our focus is to provide quality, cost effective solutions based on our customers power requirements.