

Foxfab Power Solutions

PHONE 1-877-468-0305
EMAIL sales@foxfab.com
WEBSITE foxfab.com
ADDRESS 2579 188 St., Surrey, BC
Canada, V3Z 2A1



GENERATOR & LOAD BANK CONNECTION SOLUTIONS

ARE YOU PREPARED?

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.



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

YEAR	LOCATION	CAUSE	AFFECTED CUSTOMERS
2017	Southeastern & Northeastern USA	Hurricane Irma	TBA
2017	Southern & Eastern USA	Hurricane Harvey	TBA
2016	Tallahassee FL	Hurricane Hermine	350,000
2015	Spokane WA	Wind Storm	161,000
2015	Vancouver BC	Wind Storm	710,000
2013	Toronto ON	Ice Storm	300,000
2013	Northeastern USA	Winter Storm - Nor'Easter	650,000
2012	Eastern USA	Hurricane Sandy	8,000,000
2012	Mid-Atlantic and Midwest US	Severe Thunderstorms - Derecho	3,800,000
2011	Southern California and Arizona	Power Substation Equipment Failure	5,000,000
2011	East Coast USA	Hurricane Irene	5,000,000
2011	Chicago IL	Severe Thunderstorms - Derecho	850,000
2011	Texas	Power Plant Outage	1,000,000
2010	Washington D.C.	Severe Storms	250,000
2010	Southeastern Michigan	Severe Storms	76,000
2010	Northeastern USA	Blizzards	200,000
2009	Kentucky and Southern Indiana	Ice Storm	769,000
2008	Northeastern USA	Ice Storm	1,500,000
2008	Massachusetts and New Hampshire	Ice Storm	1,000,000
2008	Houston TX	Hurricane Ike	1,000,000
2008	Florida	Electrical Substation Equipment Failure	4,000,000
2007	Great Plains USA	Ice Storm	1,000,000
2007	Eastern Newfoundland & Labrador	Winter Storm	100,000
2006	Southern and Eastern Ontario	Severe Thunderstorms	125,000
2006	Quebec CAN	Severe Thunderstorms	450,000
2005	Southeastern USA	Hurricane Katrina	2,600,000
2003	Eastern USA & Ontario CAN	Hurricane Isabel	4,300,000
2003	Northeastern USA and Central CAN	Wide-Area Power Failure	55,000,000
2003	Memphis TN	Wind Storm	300,000
2002	Jacksonville FL	Utility Equipment Failure	355,000

Reference: en.wikipedia.org

CAMLOCK COLOUR GUIDE

USA

Voltage	L1	L2	L3	Neutral	Ground
120/240					
240V					
208Y/120					
480Y/277					
480V					

CANADA

Voltage	L1	L2	L3	Neutral	Ground
120/240					
240V					
208Y/120					
600Y/347					
600V					

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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.

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SPEC GRADE CONNECTION CABINETS

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

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TRANSFER SWITCHES

Foxfab's line of Fused and Non-Fused Manual Transfer Switches come standard with indicating lights giving a quick visual status on normal/emergency supply selection. Units are available up to 1200A.

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TABLES

ACCESSORIES

KVA/KW AMPERAGE CHART

ABOUT FOXFAB

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 - U3 - G - CRS - LA - A25

Amps
400
800
1200

Voltage

U3 = 208Y/120V

*Refer to Voltage Table for complete options

Connection

G = Portable Generator (Inlet)

L = Load Bank (Outlet)

Enclosure Construction

CRS = Cold Rolled Steel

Lug Configuration (per pole)

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

*Refer to Lug Configuration Table for complete options

Accessories

A25 = 400A Camlock Cable Set (25ft)

*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 - T - U3 - G - CRS - LA - A25

Amps
100
200
400
600
800

Type

T = Manual Transfer Switch

D = Rotary Disconnect

Voltage

U3 = 208Y/120V

*Refer to Voltage Table for complete options

Connection

G = Portable Generator (Inlet)

L = Load Bank (Outlet)

Enclosure Construction

CRS = Cold Rolled Steel

Lug Configuration (per pole)

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

*Refer to Lug Configuration Table for complete options

Accessories

A25 = 400A Camlock Cable Set (25ft)

*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



EX. #

FFCC-A3 - 800 - TM - U3 - G - CRS - LA - A25

Amps
100
200
400
600
800

Voltage
U3 = 208Y/120V

*Refer to Voltage Table for complete options

C.B. Trip Unit
TM = Thermal Magnetic
LS = Electronic LS
LSI = Electronic LSI
LSG = Electronic LSG
LSIG = Electronic LSIG
KS = Molded Case Switch

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

Enclosure Construction
CRS = Cold Rolled Steel

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

*Refer to Lug Configuration Table for complete options

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

*Refer to Accessories Table for complete options

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)



EX. #

FFCC-CLC - 400 - V3 - CRS - LA - A25

Amps
100
200
400
600
800
1200
1600
2000
2400
2800
3200

Voltage

V3 = 208Y/120V

*Refer to Voltage Table for complete options

Enclosure Construction

CRS = Cold Rolled Steel
ALU = 5052 Aluminum
304 = 304 Stainless Steel
316 = 316 Stainless Steel

Lug Configuration (per pole)

LA = (2) #6 AWG - 250 MCM, (2) #2 GND

*Refer to Lug Configuration Table for complete options

Accessories

A25 = 400A Camlock Cable Set (25ft)

*Refer to Accessories Table for complete options

FFCC-B1

CONNECTION CABINET 400-3200A (CAMLOCK CONNECTIONS)

Features:

- › Aluminum 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

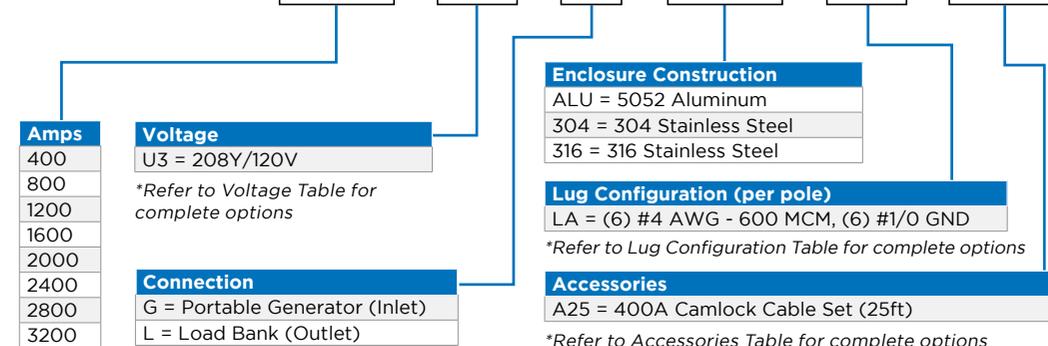
Dimensions:

- › 48" T x 50" W x 16" D (2400A & below)
- › Above 2400A - consult factory



EX. #

FFCC-B1 - 2000 - U3 - G - ALU - LA - A25



FFCC-B2

CONNECTION CABINET 400-4000A (LUG CONNECTIONS)

Features:

- › Aluminum 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

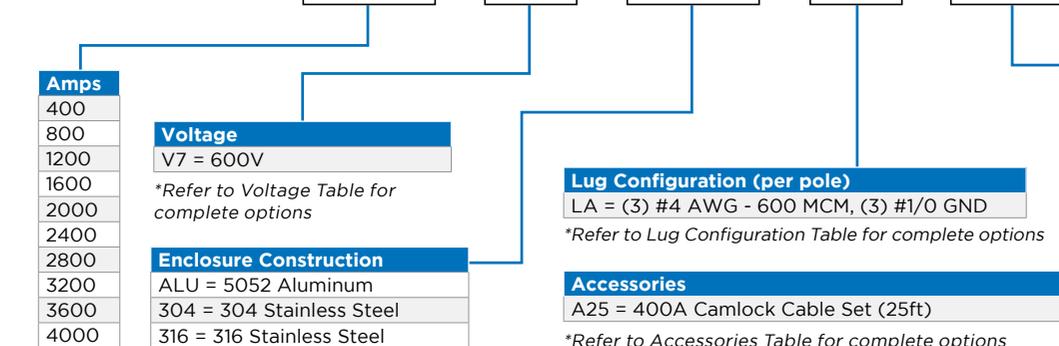
Dimensions:

- › 48" T x 50" W x 16" D (2400A and below)
- › Above 2400A - consult factory



EX. #

FFCC-B2 - 800 - V7 - ALU - LA - A25



FFCC-C1

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)



EX. #

FFCC-C1 - 800 - U3 - G - ALU - LA - A25

Amps
60
100
200
400
800
1200

Voltage

U3 = 208Y/120V

**Refer to Voltage Table for complete options*

Connection

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

Enclosure Construction

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

Lug Configuration (per pole)

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

**Refer to Lug Configuration Table for complete options*

Accessories

A25 = 400A Camlock Cable Set (25ft)

**Refer to Accessories Table for complete options*

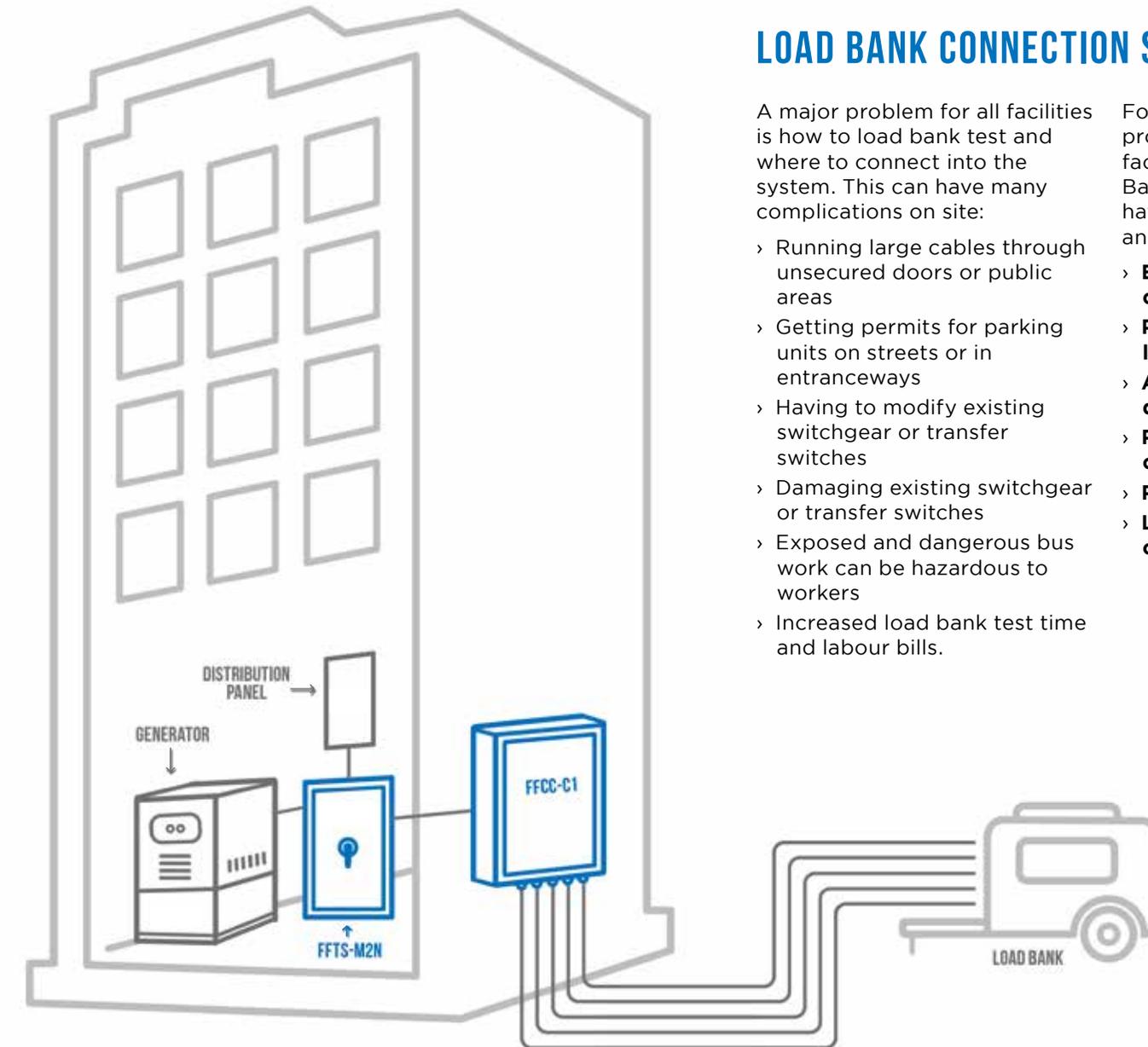
LOAD BANK CONNECTION SOLUTIONS

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.**



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 - T - U3 - G - ALU - LA - A25

Amps
100
200
400
600
800
1200

Type

T = Manual Transfer Switch
D = Rotary Disconnect

Voltage

U3 = 208Y/120V

*Refer to Voltage Table for complete options

Connection

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

Enclosure Construction

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

Lug Configuration (per pole)

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

*Refer to Lug Configuration Table for complete options

Accessories

A25 = 400A Camlock Cable Set (25ft)

*Refer to Accessories Table for complete options

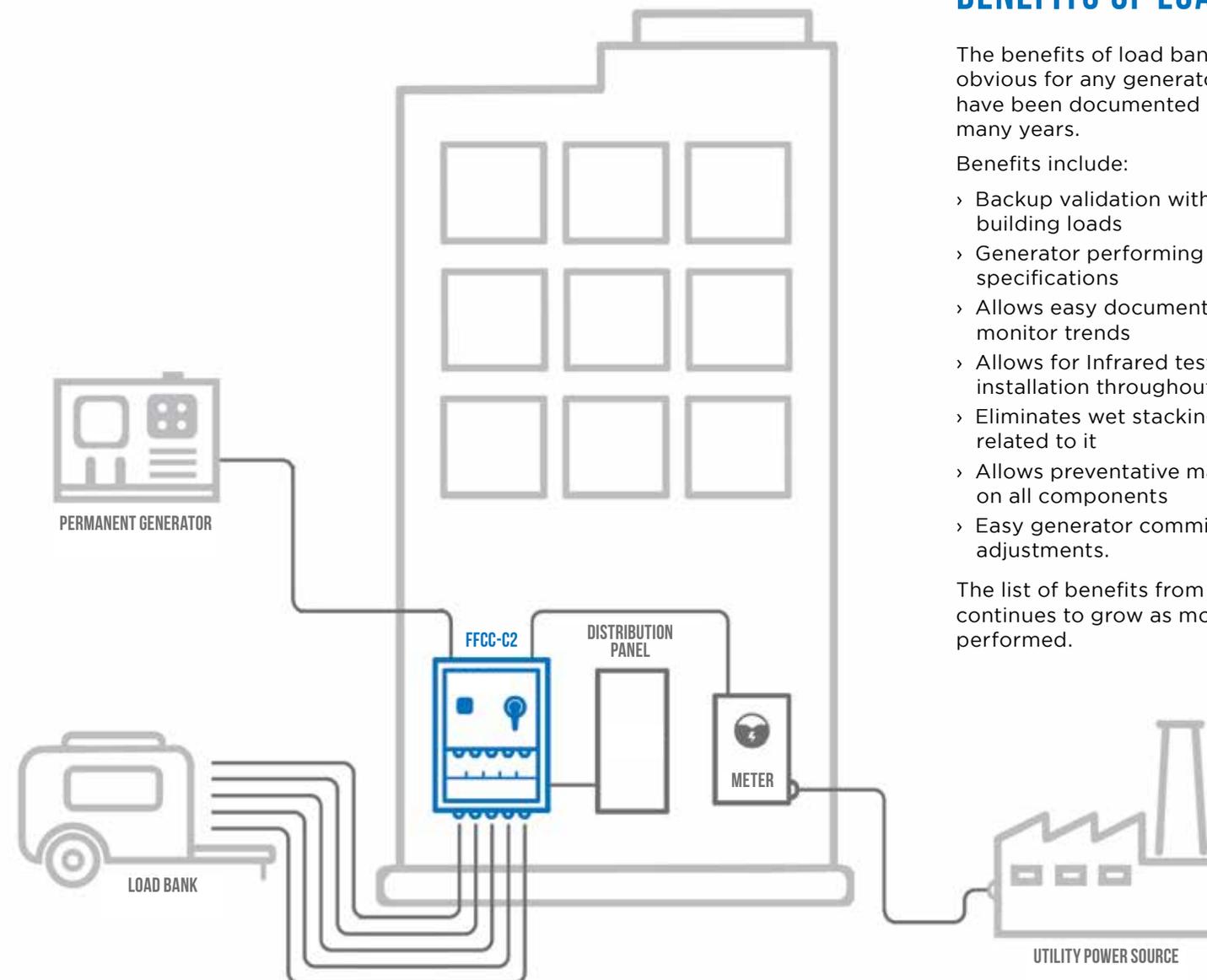
BENEFITS OF LOAD BANK TESTING

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-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)



EX. #

FFCC-C3 - 800 - TM - U3 - G - ALU - LA - A25

Amps
100
200
400
600
800
1200

C.B. Trip Unit

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

Voltage
U3 = 208Y/120V

*Refer to Voltage Table for complete options

Connection

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

Enclosure Construction

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

Lug Configuration (per pole)

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

*Refer to Lug Configuration Table for complete options

Accessories

A25 = 400A Camlock Cable Set (25ft)

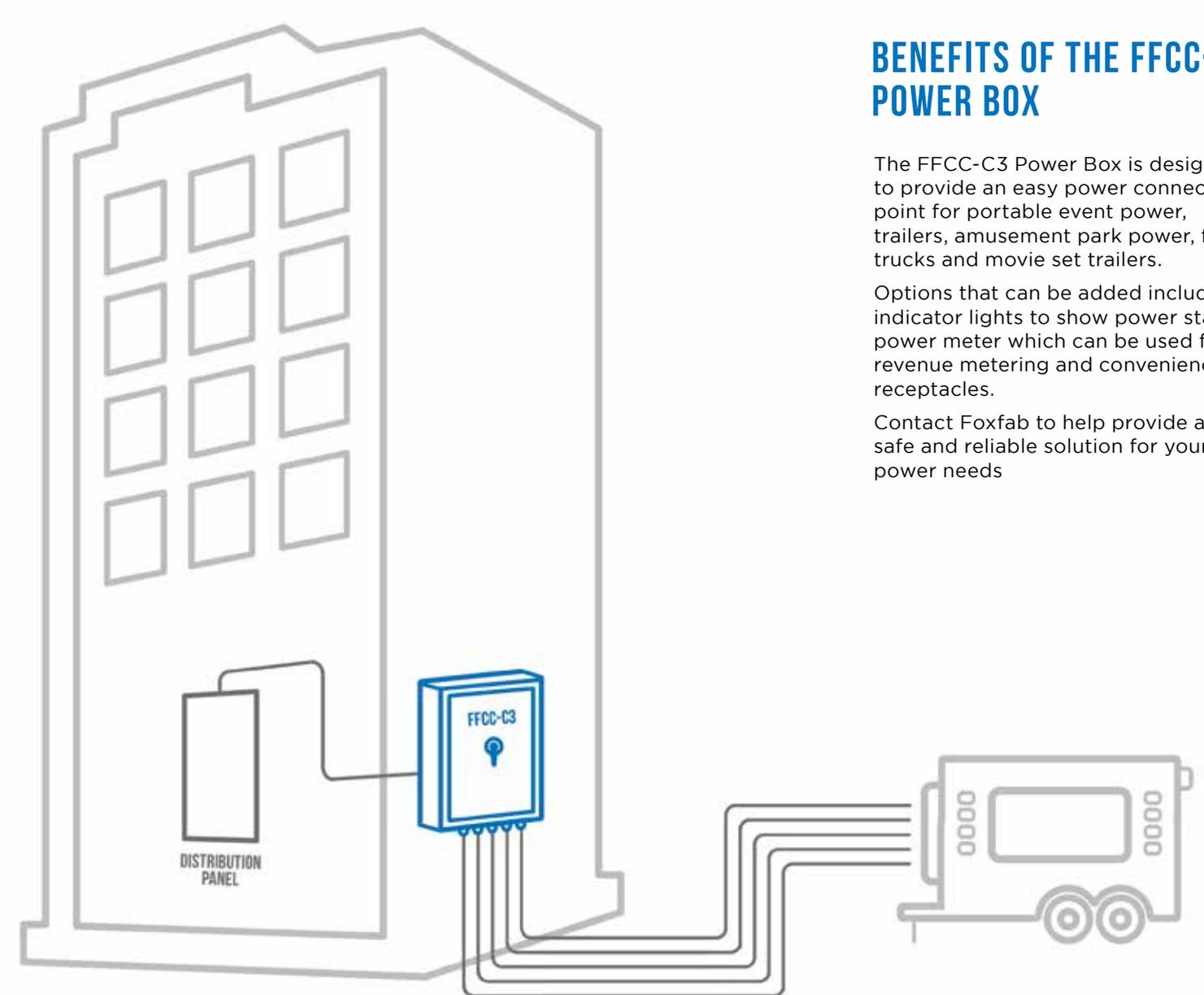
*Refer to Accessories Table for complete options

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

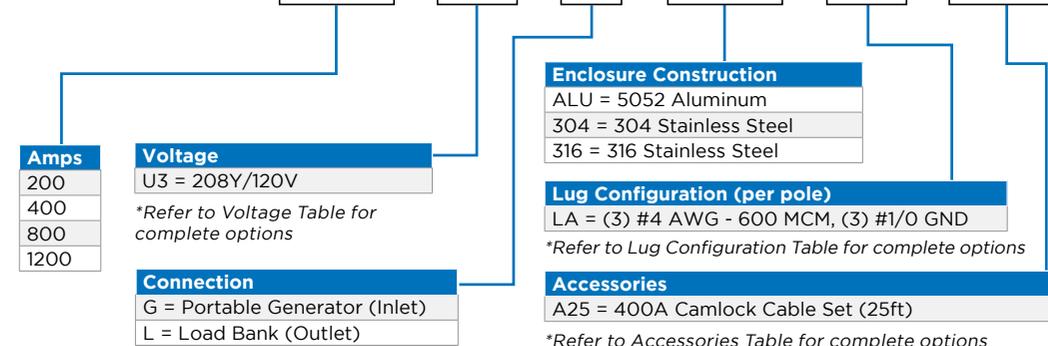
Dimensions:

- › 42" T x 30" W x 24" D



EX. #

FFCC-C4 - 800 - U3 - G - ALU - LA - A25



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

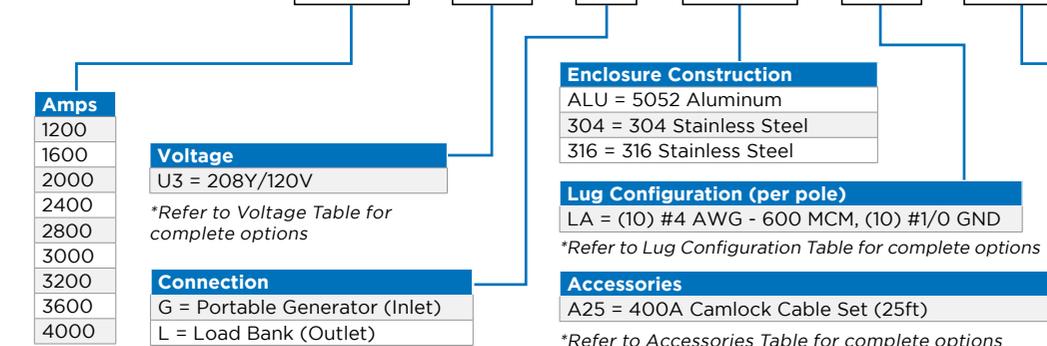
Dimensions:

- › 78" T x 45" W x 38" D



EX. #

FFCC-P1 - 3200 - U3 - G - ALU - LA - A25



FFCC-P2

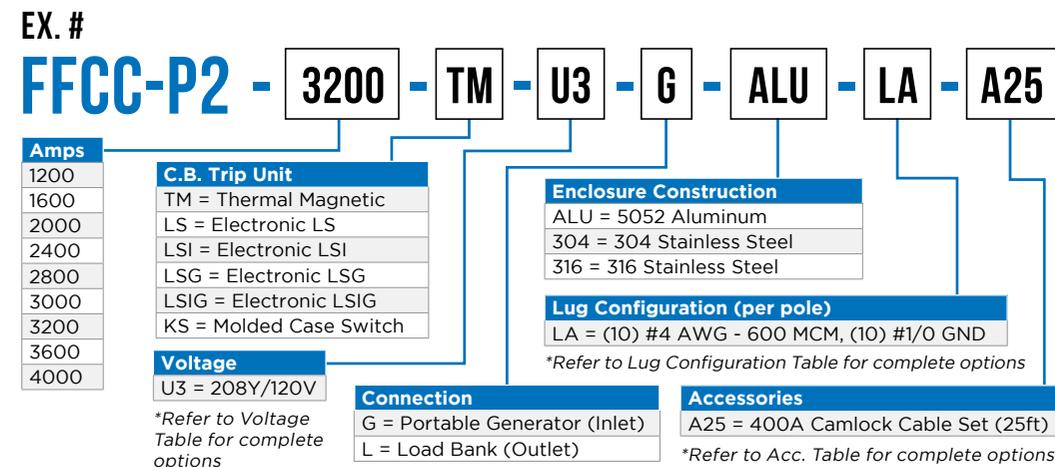
PADMOUNT CONNECTION CABINET W/ MOLDED CASE BREAKER OR SWITCH 1200-4000A (CAMLOCK CONNECTIONS)

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 (Inlet) or Load Bank (Outlet)
- › Rated up to 600VAC
- › cULus Listed

Dimensions:

- › 78" T x 45" W x 38" D



FFCC-S1

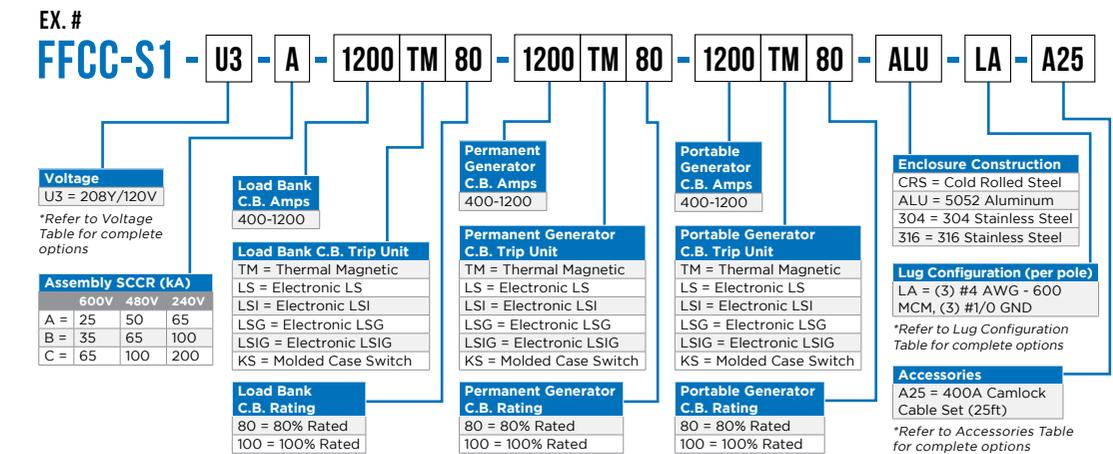
CONNECTION CABINET W/ 3-WAY MANUAL TRANSFER SWITCH 400-1200A (CAMLOCK CONNECTIONS)

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



FFCC-S2

PADMOUNT CONNECTION CABINET W/ 3-WAY MANUAL TRANSFER SWITCH
800-4000A
(CAMLOCK CONNECTIONS)

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



EX. #
FFCC-S2 - U3 - A - 3200 TM 80 - 3200 TM 80 - 3200 TM 80 - ALU - LA - A25

Voltage U3 = 208Y/120V <i>*Refer to Voltage Table for complete options</i>	Load Bank C.B. Amps 800-4000	Permanent Generator C.B. Amps 800-4000	Portable Generator C.B. Amps 800-4000	Enclosure Construction CRS = Cold Rolled Steel ALU = 5052 Aluminum 304 = 304 Stainless Steel 316 = 316 Stainless Steel
Assembly SCCR (kA) 600V 480V 240V A = 25 50 65 B = 35 65 100 C = 65 100 200	Load Bank C.B. Trip Unit TM = Thermal Magnetic LS = Electronic LS LSI = Electronic LSI LSG = Electronic LSG LSIG = Electronic LSIG KS = Molded Case Switch	Permanent Generator C.B. Trip Unit TM = Thermal Magnetic LS = Electronic LS LSI = Electronic LSI LSG = Electronic LSG LSIG = Electronic LSIG KS = Molded Case Switch	Portable Generator C.B. Trip Unit TM = Thermal Magnetic LS = Electronic LS LSI = Electronic LSI LSG = Electronic LSG LSIG = Electronic LSIG KS = Molded Case Switch	Lug Configuration (per pole) LA = (10) #4 AWG - 600 MCM, (10) #1/0 GND <i>*Refer to Lug Configuration Table for complete options</i>
	Load Bank C.B. Rating 80 = 80% Rated 100 = 100% Rated	Permanent Generator C.B. Rating 80 = 80% Rated 100 = 100% Rated	Portable Generator C.B. Rating 80 = 80% Rated 100 = 100% Rated	Accessories A25 = 400A Camlock Cable Set (25ft) <i>*Refer to Accessories Table for complete options</i>

SURE POWER LOAD BANK CONNECTION

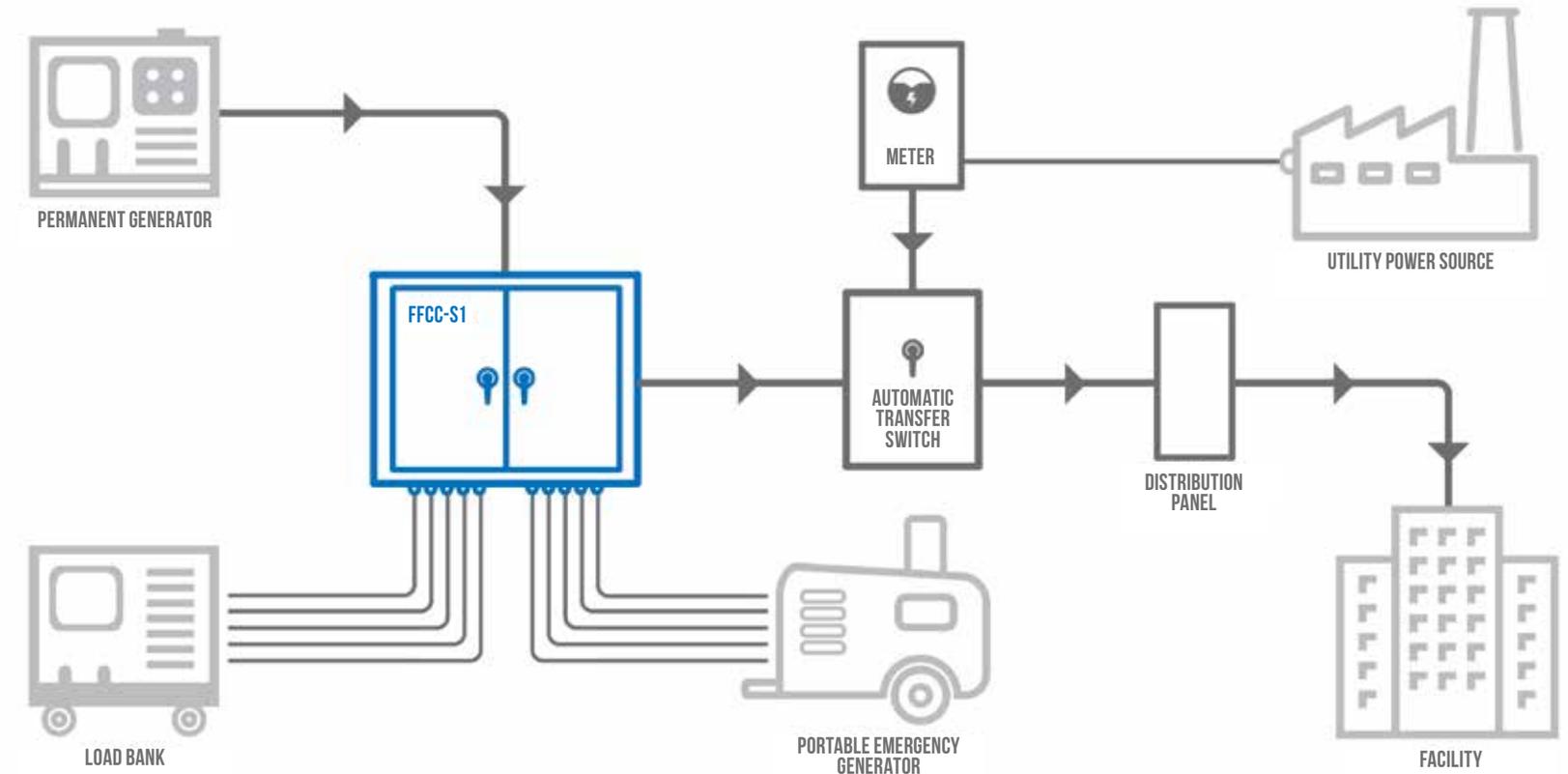
The FFCC-S1/S2 Series 3-Way Manual Transfer Switch (MTS) Connection Cabinets (CC) allow safe selection between Permanent Generator and Load Bank, Permanent Generator and Automatic Transfer Switch, and Automatic Transfer Switch and Emergency Generator.

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



FFTS-M2N

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

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)



EX. #

FFTS-M2N - 800 - V3 - CRS - LA - A25

Amps
100
200
400
600
800
1200

Voltage

V3 = 208Y/120V

*Refer to Voltage Table for complete options

Enclosure Construction

CRS = Cold Rolled Steel

Lug Configuration (per pole)

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

*Refer to Lug Configuration Table for complete options

Accessories

A25 = 400A Camlock Cable Set (25ft)

*Refer to Accessories Table for complete options

FFTS-M2F

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

Features:

- › Steel construction
- › Type 3R weatherproof enclosure
- › Wall mount or free standing design
- › 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)



EX. #

FFTS-M2F - 800 - V3 - CRS - LA - A25

Amps
100
200
400
600
800
1200

Voltage

V3 = 208Y/120V

*Refer to Voltage Table for complete options

Enclosure Construction

CRS = Cold Rolled Steel

Lug Configuration (per pole)

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

*Refer to Lug Configuration Table for complete options

Accessories

A25 = 400A Camlock Cable Set (25ft)

*Refer to Accessories Table for complete options

VOLTAGE (CAMLOCK CONNECTIONS)												
Voltage	USA					CANADA						
	Code	Camlock Colour Guide					Code	Camlock Colour Guide				
		A	B	C	N	G		A	B	C	N	G
120/240V	U1	●	●		○	●	C1	●	●		○	●
240V	U2	●	●	●		●	C2	●	●	●		●
208Y/120V	U3	●	●	●	○	●	C3	●	●	●	○	●
480Y/277V	U4	●	●	●	○	●						
480V	U5	●	●	●		●						
600Y/347V							C4	●	●	●	○	●
600V							C5	●	●	●		●

VOLTAGE (LUG CONNECTIONS)	
Voltage	Code
120/240V (2PH + N + G)	V1
240V (3PH + G)	V2
208Y/120V (3PH + N + G)	V3
480Y/277V (3PH + N + G)	V4
480V (3PH + G)	V5
600Y/347V (3PH + N + G)	V6
600V (3PH + G)	V7

LUG CONFIGURATION (PER POLE)			
Amps	Option LA	Option LB	Option LC
60A	(1) #6 AWG - 250 MCM, (1) #2 GND	(1) #4 AWG - 600 MCM, (1) #1/0 GND	(1) 300 - 800 MCM, (1) #2/0 GND
100A	(1) #6 AWG - 250 MCM, (1) #2 GND	(1) #4 AWG - 600 MCM, (1) #1/0 GND	(1) 300 - 800 MCM, (1) #2/0 GND
200A	(1) #6 AWG - 250 MCM, (1) #2 GND	(1) #4 AWG - 600 MCM, (1) #1/0 GND	(1) 300 - 800 MCM, (1) #2/0 GND
400A	(2) #6 AWG - 250 MCM, (2) #2 GND	(1) #4 AWG - 600 MCM, (1) #1/0 GND	(1) 300 - 800 MCM, (1) #2/0 GND
800A	(3) #4 AWG - 600 MCM, (3) #1/0 GND	(2) 300 - 800 MCM, (2) #2/0 GND	(2) 500 - 1000 MCM, (2) #2/0 GND
1200A	(4) #4 AWG - 600 MCM, (4) #1/0 GND	(3) 300 - 800 MCM, (3) #2/0 GND	(3) 500 - 1000 MCM, (3) #2/0 GND
1600A	(5) #4 AWG - 600 MCM, (5) #1/0 GND	(4) 300 - 800 MCM, (4) #2/0 GND	(4) 500 - 1000 MCM, (4) #2/0 GND
2000A	(6) #4 AWG - 600 MCM, (6) #1/0 GND	(5) 300 - 800 MCM, (5) #2/0 GND	(5) 500 - 1000 MCM, (5) #2/0 GND
2400A	(8) #4 AWG - 600 MCM, (8) #1/0 GND	(6) 300 - 800 MCM, (6) #2/0 GND	(6) 500 - 1000 MCM, (6) #2/0 GND
2800A	(9) #4 AWG - 600 MCM, (9) #1/0 GND	(8) 300 - 800 MCM, (8) #2/0 GND	(7) 500 - 1000 MCM, (7) #2/0 GND
3000A	(9) #4 AWG - 600 MCM, (9) #1/0 GND	(8) 300 - 800 MCM, (8) #2/0 GND	(7) 500 - 1000 MCM, (7) #2/0 GND
3200A	(10) #4 AWG - 600 MCM, (10) #1/0 GND	(9) 300 - 800 MCM, (9) #2/0 GND	(8) 500 - 1000 MCM, (8) #2/0 GND
3600A	(11) #4 AWG - 600 MCM, (11) #1/0 GND	(10) 300 - 800 MCM, (10) #2/0 GND	(9) 500 - 1000 MCM, (9) #2/0 GND
4000A	(12) #4 AWG - 600 MCM, (12) #1/0 GND	(11) 300 - 800 MCM, (11) #2/0 GND	(9) 500 - 1000 MCM, (9) #2/0 GND

* For custom lug sizes, specify when ordering

UL LISTINGS																	
Model/Standard	A1	A2	A3	CLC	B1	B2	B3	C1	C2	C3	C4	P1	P2	S1	S1	M2N	M2F
UL 1008	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
UL 1773	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
UL 891												✓	✓				

ACCESSORIES (A1 to C2)									
Model/Code	A1	A2	A3	CLC	B1	B2	B3	C1	C2
AXX = 400A Camlock Cable Set (XX = FT)	✓	✓	✓	✓	✓	✓	✓	✓	✓
AA = Camlock Snap Covers	✓	✓	✓					✓	✓
AB = Custom Powder Coat Colour				✓	✓	✓	✓	✓	✓
AC = Heater c/w Stat	✓	✓	✓	✓	✓	✓	✓	✓	✓
AD = GFCI Receptacle								✓	✓
AE = Key Interlock								✓	✓
AF = Terminal Strip								✓	✓
AG = Phase Sequence Monitor								✓	✓
AH = Power Meter								✓	✓
AI = Micro-Switch					✓	✓	✓	✓	✓
AJ = Leg Stand Set	✓	✓	✓	✓	✓	✓	✓	✓	✓

ACCESSORIES (C3 to M2F)								
Model/Code	C3	C4	P1	P2	S1	S2	M2N	M2F
AXX = 400A Camlock Cable Set (XX = FT)	✓	✓	✓	✓	✓	✓	✓	✓
AA = Camlock Snap Covers	✓		✓	✓	✓	✓		
AB = Custom Powder Coat Colour	✓	✓	✓	✓	✓	✓	✓	✓
AC = Heater c/w Stat	✓	✓	✓	✓	✓	✓	✓	✓
AD = GFCI Receptacle	✓	✓	✓	✓	✓	✓		
AE = Key Interlock	✓	✓	✓	✓	✓	✓	✓	✓
AF = Terminal Strip	✓	✓	✓	✓	✓	✓	✓	✓
AG = Phase Sequence Monitor	✓	✓	✓	✓	✓	✓	✓	✓
AH = Power Meter	✓	✓	✓	✓	✓	✓	✓	✓
AI = Micro-Switch	✓	✓	✓	✓	✓	✓	✓	✓
AJ = Leg Stand Set	✓	✓			✓			

CAMLOCK CABLE SETS



- › 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



PHASE SEQUENCE MONITOR

- › Monitor indicates correct or incorrect phase sequence



GFCI RECEPTACLE

- › Utility receptacles provide convenience to plug in lights, tools, block heaters etc



KEY INTERLOCK PROVISION

- › Key interlock provision prevents unauthorized access to cabinet connections



CAMLOCK SNAP COVERS

- › Camlock Snap Covers provide additional protection to the camlock receptacles



TERMINAL STRIP

- › Terminal blocks mounted on DIN rail can be used for control circuits or other wiring means



INDICATOR LIGHTS

- › Indicator lights can be used for phase indication, switch status, utility and generator power status and current sensing



MICRO-SWITCH

- › Micro-Switches can be interlocked with the door in order to provide intrusion or interlock functionality



CABLE SETS

- › Cable Sets come complete with camlock plugs in specified lengths



200A POSI-LOCK PANEL

- › 200A Rated Posi-Lock Distribution Panels offer a sequential interlock system providing quick and safe connections



POWER METER

- › Power meters provide the ability to monitor a full range of power attributes as well as revenue metering



HEATER & STAT

- › Provides heating to cabinet with temperature control



400A POSI-LOCK PANEL

- › 400A Rated Posi-Lock Distribution Panels offer a sequential interlock system providing quick and safe connections

KVA/KW AMPERAGE CHART (80% POWER FACTOR)

kVA	kW	208V	240V	380V	400V	480V	600V	2400V	4160V
8	6.3	17.5	15.2	9.6	9.1	7.6	6.1		
9.4	7.5	26.1	22.6	14.3	13.6	11.3	9.1		
12.5	10	34.7	30.1	19.2	18.2	15.1	12		
18.7	15	52	45	28.8	27.3	22.5	18		
25	20	69.5	60.2	38.4	36.4	24	6	4.4	
31.3	25	87	75.5	48	45.5	37.8	30	7.5	4.4
37.5	30	104	90.3	57.6	54.6	45.2	36	9.1	5.2
50	40	139	120	77	73	60	48	12.1	7
62.5	50	173	152	96	91	76	61	15.1	8.7
75	60	208	181	115	109	91	72	18.1	10.5
93.8	75	261	226	143	136	113	90	22.6	13
100	80	278	240	154	146	120	96	21.1	13.9
125	100	347	301	192	182	150	120	30	17.5
156	125	433	375	240	228	188	150	38	22
187	150	520	450	288	273	225	180	45	26
219	175	608	527	335	318	264	211	53	31
250	200	694	601	384	364	301	241	60	35
312	250	866	751	480	455	376	300	75	43
375	300	1040	903	576	546	451	361	90	52
438	350	1220	1053	672	637	527	422	105	61
500	400	1390	1203	770	730	602	481	120	69
625	500	1735	1504	960	910	752	602	150	87
750	600	2080	1803	1150	1090	902	721	180	104
875	700	2430	2104	1344	1274	1052	842	210	121
1000	800	2780	2405	1540	1460	1203	962	241	139
1125	900	3120	2709	1730	1640	1354	1082	271	156
1250	1000	3470	3009	1920	1820	1504	1202	301	174
1563	1250	4350	3765	2400	2280	1885	1503	376	218
1875	1500	5205	4520	2880	2730	2260	1805	452	261
2188	1750		5280	3350	3180	2640	2106	528	304
2500	2000		6020	3840	3640	3015	2405	602	348
2812	2250		6780	4320	4095	3400	2710	678	

ABOUT FOXFAB

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.

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