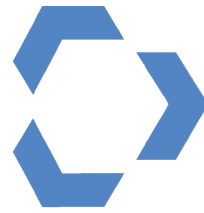


**PowerGATE<sup>®</sup>**  
Switches & Panels



**LEX**

WE DELIVER THE POWER<sup>™</sup>

# PowerGATE<sup>™</sup> Power Input & Output Panels

**400-1600 AMP  
600VAC MAX**

**Check Out  
NEW  
Spec Grade  
Features!**

**Complies with  
NEC 700.3  
Guidelines**

**Permanent Solutions for  
Temporary Power**



# PowerGATE™ Power Input Panels



Lex Products PowerGATE™ Power Input Panels allow a generator to be easily connected to any building. Applications include hospitals, grocery stores, gas stations, data centers and cell towers.

The use of Lex Products PowerGATE™ Input Panels can ensure compliance to NEC Article 700, section 700.3 Test and Maintenance requirements.

Lex Products, U.S. Manufacturer of code compliant Power Input Panels

- cULus Listed NEMA 3R for outdoor use in the U.S. and Canada
- Lightweight aluminum construction is weather and corrosion resistant for long life

## 400-800AMP: Construction Details



Provision for Kirk Key Installation (See pg. 4 for more details)

Padlockable to prevent unauthorized entry

Auto/Remote Start contacts

Phase Rotation Monitor



Seamless gasket provides water & dust tight seal



Connection chamber allows ample room for ease of making connections

Cables drape downward for a low profile installation



Cable entry plate is provided to secure the installation, preventing removal of CAMs from the outside as well as entry of foreign elements



# 1200-1600AMP: Construction Details

cETLus Listed NEMA 3R  
for outdoor use in the U.S.  
and Canada

**PowerGATE™ 1200A - 1600A Power Input Panels** have two separate lockable compartments. The top chamber has ample space for installing wiring from the permanent generator and the building electrical system. The bottom chamber is equipped with industry standard Cam type devices for easy connection when a temporary generator is required.



Freestanding design eliminates structural stress associated with large wall-mounted panels

CAM access panel for temporary generator

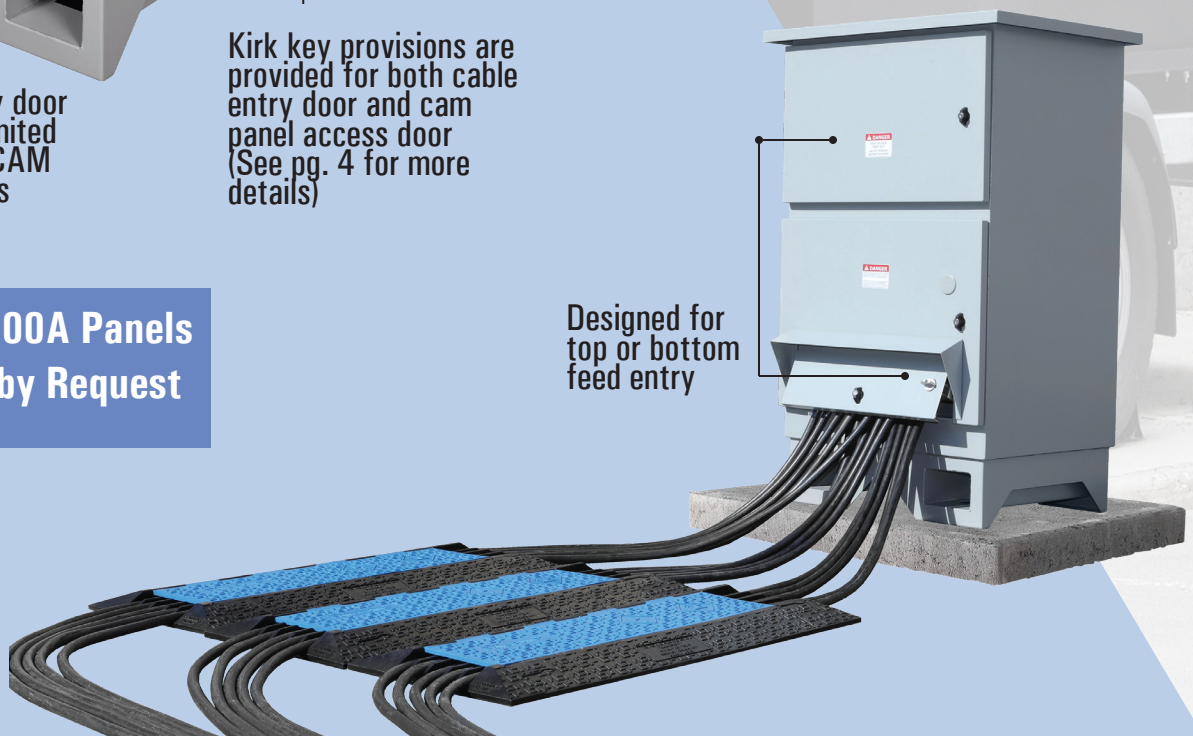
Kirk key provisions are provided for both cable entry door and cam panel access door (See pg. 4 for more details)

Cable entry door provides limited access to CAM connections



**2000A - 4000A Panels Available by Request**

Designed for top or bottom feed entry


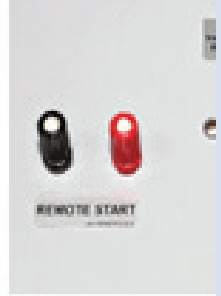




# PowerGATE™ Power Input Panels



Lex Products PowerGATE™ Power Input Panels are designed and manufactured to UL 1008 Listing standards and come equipped with NEC 700.3 (F) code compliant features.



Feature	Feature/Benefit	NEC 700.3
	<p>Industry standard Series 16 CAM-Type devices allow for quick connection saving time and money.</p>	<p>NEC 700.3 (F) 1. Connection to the portable or temporary alternate source of power shall not require modification of the permanent system wiring.</p>
	<p><b>Auto Remote Start/Stop contacts</b> Quickly transfer power to the standby generator with a prewired line of communication from the input panel and the transfer switch.</p>	<p>NEC 700.3 (F) 2. Transfer of power between the normal power source and the emergency power source shall be in accordance with 700.12.</p>
	<p><b>Phase Rotation Monitor</b> Visually monitor the correct sequence of phases L1, L2 and L3 by the presence of an LED light.</p>	<p>NEC 700.3 (F) 3. The connection point for the portable or temporary alternate source shall be marked with the phase rotation and system bonding requirements.</p>
 <p>Latch block</p> <p>Type D – HD Series 316 Stainless Steel</p> <p>Main body</p>	<p><b>Kirk Key Provision</b> Allows for the installation of a trap key system, serving as a means to transfer power supplied to the facility.</p>	<p>NEC 700.3 (F) 4. Mechanical or electrical interlocking shall prevent inadvertent interconnection of power sources.</p>



# Ordering Information Power Input Panels

## PowerGATE™ Power Input Panels

HIGH VOLTAGE  
KEEP OUT  
HAUTE TENSION  
NE PAS TOUCHER

THIS CONNECTION SHOULD BE IN THE FOLLOWING ORDER:  
1) Equipment grounding conductor connectors  
2) Ungrounded circuit conductor connectors, and  
3) Ungrounded conductor connectors.  
Disconnectors should be in the reverse order.  
Règles de câblage électrique:  
L'ordre de câblage devrait être effectué dans l'ordre qui suit:  
1) Conducteur de mise à la terre du 1<sup>er</sup> équipement  
2) Conducteurs des circuits non à la terre  
3) Conducteurs non mis à la terre  
L'ordre inverse devrait être fait dans l'ordre inverse.

These panels should not be used for connection of a portable generator to the source terminals of a transfer switch, since the wires are only energized from the generator.

Respect de câblage électrique: Ne pas utiliser ces panneaux pour connecter un générateur portable aux bornes de source d'un interrupteur de transfert, car les fils ne sont alimentés que par le générateur.



### cULus Listed

### cETLus Listed

	400 Amp	800 Amp	1200 Amp	1600 Amp
<b>Part Number</b>	PGIP04A-BRBWG-GKL	PGIP08A-BRBWG-GKL	PGIP12G-GWBRB-GKS	PGIP16G-GWBRB-GKS
<b>Rating</b>	400A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 480 VAC Maximum	800 Amp, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 480 VAC Maximum	1200A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 480 VAC Maximum	1600A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 480 VAC Maximum
<b>Environmental Rating</b>	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)
<b>Input</b>	(1) Set of (5) 16 Series Cam-type Connectors Black, Red, Blue, White, Green	(2) Sets of (5) 16 Series Cam-type Connectors Black, Red, Blue, White, Green	(3) Sets of (5) 16 Series Cam-type Connectors Black, Red, Blue, White, Green	(4) Sets of (5) 16 Series Cam-type Connectors Black, Red, Blue, White, Green
<b>Output</b>	(1) Dual Port Aluminium Lug per Phase, Neutral, Ground - Wire Range: 600 MCM - #2 AWG	(1) Dual Port Aluminium Lug per Phase, Neutral, Ground - Wire Range: 600 MCM - #2 AWG	Copper Bus Bar with 1/2" Holes	Copper Bus Bar with 1/2" Holes
<b>Enclosure</b>	Aluminum- Textured Power Coat ANSI 61 Gray	Aluminum- Textured Power Coat ANSI 61 Gray	Textured Powder Coated 12 Gauge Galvanized Steel	Textured Powder Coated 12 Gauge Galvanized Steel
<b>Dimensions</b>	32.00" H x 24.00" W x 11.50" D	32.00" H x 24.00" W x 11.50" D	56.00" H x 35.00" W x 30.00" D	56.00" H x 35.00" W x 30.00" D
<b>Approximate Weight</b>	55 lbs	68 lbs	485 lbs	505 lbs

	400 Amp	800 Amp	1200 Amp	1600 Amp
<b>Part Number</b>	PGIP04A-BOYWG-GKL	PGIP08A-BOYWG-GKL	PGIP12G-GWBOY-GKS	PGIP16G-GWBOY-GKS
<b>Rating</b>	400A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 480 VAC Maximum	800A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 480 VAC Maximum	1200A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 480 VAC Maximum	1600A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 480 VAC Maximum
<b>Environmental Rating</b>	type 3R (Outdoor Use)	type 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)
<b>Input</b>	(1) Set of (5) 16 Series Cam-type Connectors Brown, Orange, Yellow, White, Green	(2) Sets of (5) 16 Series Cam-type Connectors Brown, Orange, Yellow, White, Green	(3) Sets of (5) 16 Series Cam-type Connectors Brown, Orange, Yellow, White, Green	(4) Sets of (5) 16 Series Cam-type Connectors Brown, Orange, Yellow, White, Green
<b>Output</b>	(1) Dual Port Aluminium Lug per Phase, Neutral, Ground - Wire Range: 600 MCM - #2 AWG	(1) Dual Port Aluminium Lug per Phase, Neutral, Ground - Wire Range: 600 MCM - #2 AWG	Copper Bus Bar with 1/2" Holes	Copper Bus Bar with 1/2" Holes
<b>Enclosure</b>	Aluminum- Textured Power Coat ANSI 61 Gray	Aluminum- Textured Power Coat ANSI 61 Gray	Textured Powder Coated 12 Gauge Galvanized Steel	Textured Powder Coated 12 Gauge Galvanized Steel
<b>Dimensions</b>	32.00" H x 24.00" W x 11.50" D	32.00" H x 24.00" W x 11.50" D	56.00" H x 35.00" W x 30.00" D	56.00" H x 35.00" W x 30.00" D
<b>Approximate Weight</b>	55 lbs	68 lbs	485 lbs	505 lbs

# PowerGATE™ Power Output Panels

Freestanding design eliminates structural stress associated with large wall-mounted panel

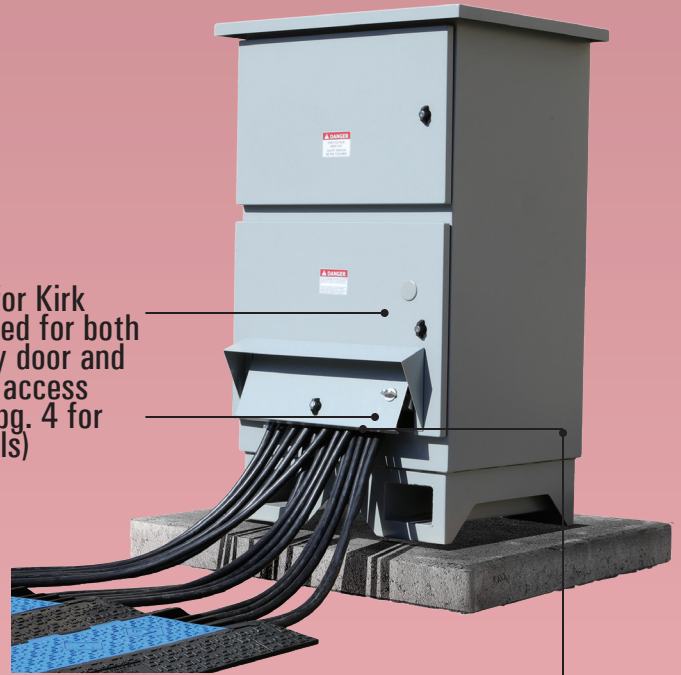


Lex PowerGATE™ Output Panels provide a safe and convenient way to distribute building power and test emergency back up systems without the need for an Electrician.

PowerGATE™ Power Output Panels are fully Listed to UL 891 for outdoor use in the U.S. and Canada

## 400-1600AMP: Construction Details

Provision for Kirk Key provided for both cable entry door and cam panel access door (See pg. 4 for more details)



Restricts access to terminations and provides cable strain relief with cable egress door

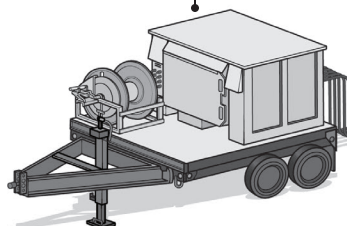
Weather-resistant construction ensures long life while installed on building exterior

Connection chamber allows ample room for ease of making connections



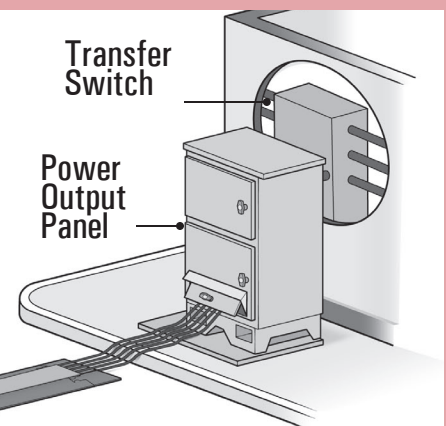
Complete routine backup power system testing by connecting a load bank to the PowerGATE Output Panel

Load Bank



Transfer Switch

Power Output Panel





# Ordering Information Power Output Panels

## PowerGATE™ Power Output Panels



Part Number	cULus Listed		cETLus Listed	
	400 Amp	800 Amp	1200 Amp	1600 Amp
<b>PGOP04A-BRBWG-KL</b>	<b>PGOP08A-BRBWG-KL</b>	<b>PGOP12G-GWBRB-KS</b>	<b>PGOP16G-GWBRB-KS</b>	
<b>Rating</b>	400A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 600 VAC Maximum	800 Amp, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 600 VAC Maximum	1200A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 600 VAC Maximum	1600A, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 600 VAC Maximum
<b>Environmental Rating</b>	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)
<b>Input</b>	(1) Dual Port Aluminium Lug per Phase, Neutral, Ground - Wire Range: 600 MCM - #2 AWG	(1) Dual Port Aluminium Lug per Phase, Neutral, Ground - Wire Range: 600 MCM - #2 AWG	Copper Bus Bar with 1/2" Holes	Copper Bus Bar with 1/2" Holes
<b>Output</b>	(1) Set of (5) 16 Series Cam-type Connectors Black, Red, Blue, White Green	(2) Sets of (5) 16 Series Cam-type Connectors Black, Red, Blue, White, Green	(3) Sets of (5) 16 Series Cam-type Connectors Green, White, Black, Red, Blue	(4) Sets of (5) 16 Series Cam-type Connectors Green, White, Black, Red, Blue
<b>Enclosure</b>	Aluminum- Textured Powder Coat ANSI 61 Gray	Aluminum- Textured Powder Coat ANSI 61 Gray	Textured Powder Coated 12 Gauge Galvanized Steel	Textured Powder Coated 12 Gauge Galvanized Steel
<b>Dimensions</b>	32.00" H x 24.00" W x 11.50" D	32.00" H x 24.00" W x 11.50" D	56.00" H x 35.00" W x 30.00"D	56.00" H x 35.00" W x 30.00"D
<b>Approximate Weight</b>	55 lbs	68 lbs	485 lbs	505 lbs

Part Number	400 Amp	800 Amp	1200 Amp	1600 Amp
	<b>PGOP04A-BOYWG-KL</b>	<b>PGOP08A-BOYWG-KL</b>	<b>PGOP12G-GWBOY-KS</b>	<b>PGOP16G-GWBOY-KS</b>
<b>Rating</b>	400A, 3 Phase (H,H,H,G), 3 Pole, 4 Wire, 600 VAC Maximum	800 Amp, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 600 VAC Maximum	1200A, 3 Phase (H,H,H,G), 3 Pole, 4 Wire, 600 VAC Maximum	1600A, 3 Phase (H,H,H,G), 3 Pole, 4 Wire, 600 VAC Maximum
<b>Environmental Rating</b>	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)
<b>Input</b>	(1) Dual Port Aluminium Lug per Phase, Neutral, Ground - Wire Range: 600 MCM - #2 AWG	(1) Dual Port Aluminium Lug per Phase, Neutral, Ground - Wire Range: 600 MCM - #2 AWG	Copper Bus Bar with 1/2" Holes	Copper Bus Bar with 1/2" Holes
<b>Output</b>	(1) Set of (5) 16 Series Cam-type Connectors Brown, Orange, Yellow, White, Green	(2) Sets of (5) 16 Series Cam-type Connectors Brown, Orange, Yellow, White, Green	(3) Sets of (5) 16 Series Cam-type Connectors Green, White, Brown, Orange, Yellow	(4) Sets of (5) 16 Series Cam-type Connectors Green, White, Brown, Orange, Yellow
<b>Enclosure</b>	Aluminum- Textured Powder Coat ANSI 61 Gray	Aluminum- Textured Powder Coat ANSI 61 Gray	Textured Powder Coated 12 Gauge Galvanized Steel	Textured Powder Coated 12 Gauge Galvanized Steel
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<b>Approximate Weight</b>	55 lbs	68 lbs	485 lbs	505 lbs

# PowerGATE™ Related Products

**PowerGATE®**  
Switches & Panels

**PowerFLEX™**  
Cable Assemblies

**PowerRAMP®**  
Cable Protectors

## Other Product Offerings:

The Lex Products PowerGATE™ family are designed for use where temporary power connections are needed most.

Our product line includes product solutions from panel to plug.

## PowerFLEX™ Feeder Banded Cable



## PowerRAMP® Cable Crossovers



## ReadySwitch™ Power Input Panel with Manual Transfer Switch



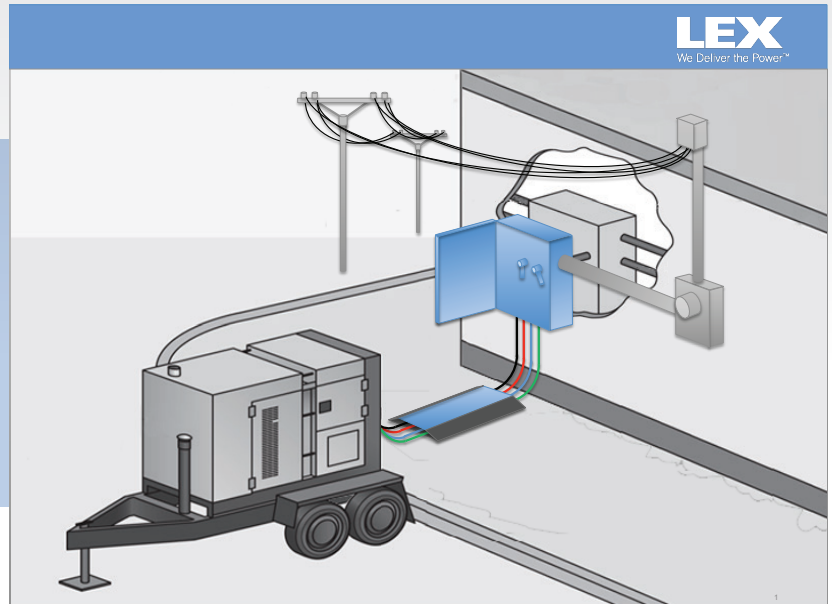
Outdoor placement eliminates need to run cables in public access areas and allows building entrances to remain securely closed

ReadySwitch is cULus Type 3R weather resistant for extended use outdoors

Clearly identified exterior labels increase ability to be seen in a power outage situation

Dead front panel provides contractor access during installation and prevents tampering after installation

Logout-Tagout ability allows system to be serviced with safety measures per the National Electrical Code



Keyed entry and front door prevents unauthorized access and operation

Cables drape downward for a low profile against the wall of the structure

Ample room for contractor access, cable bending and conduit fittings

Clearly identified switching mechanism prevents accidental use

Listed to UL1008 with a 35kAIC Short Circuit Current Capacity good for service entrance

ANSI Gray color matches other switchgear and does not stick out



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