

LEX

WE DELIVER THE POWER™

PowerGATE™ Power Input & Output Panels

**400-1600 AMP
600VAC MAX**

**Permanent Solutions for
Temporary Power**

**Check Out
NEW
Spec Grade
Features!**

**Complies with
NEC 700.3
Guidelines**



WWW.LEXPRODUCTS.COM · Toll Free: 800-643-4460

PowerGATE™ Power Input Panels



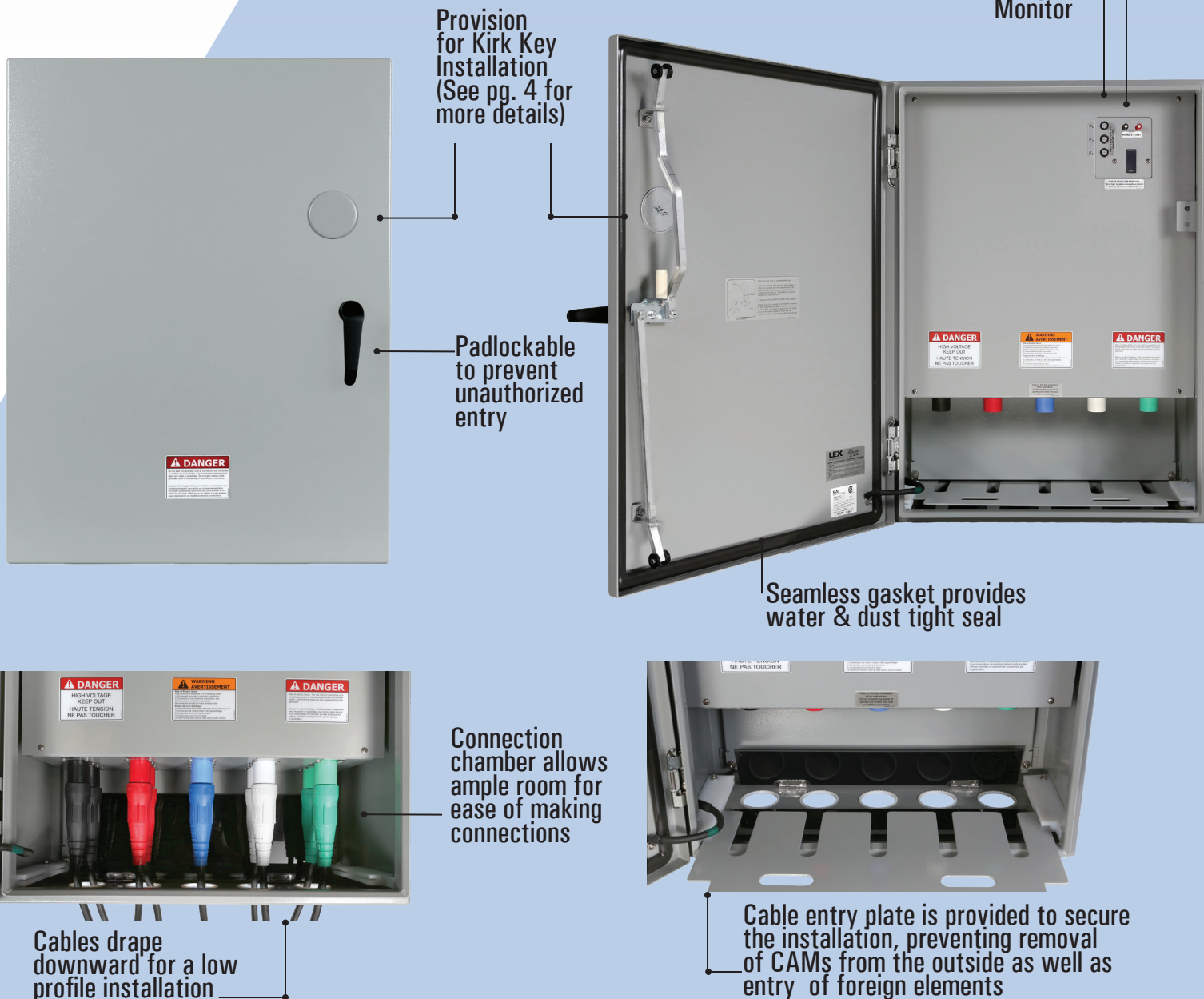
Lex Products PowerGATE™ Power Input Panels allow a generator to be easily connected to any building. Applications include hospitals, grocery stores, gas stations, data centers and cell towers.

400-800AMP: Construction Details

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



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

Cable entry door
provides limited
access to CAM
connections

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

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



Bus Bar made of 3/8"
thick copper enable a
short circuit capacity
of 22,000 Amps

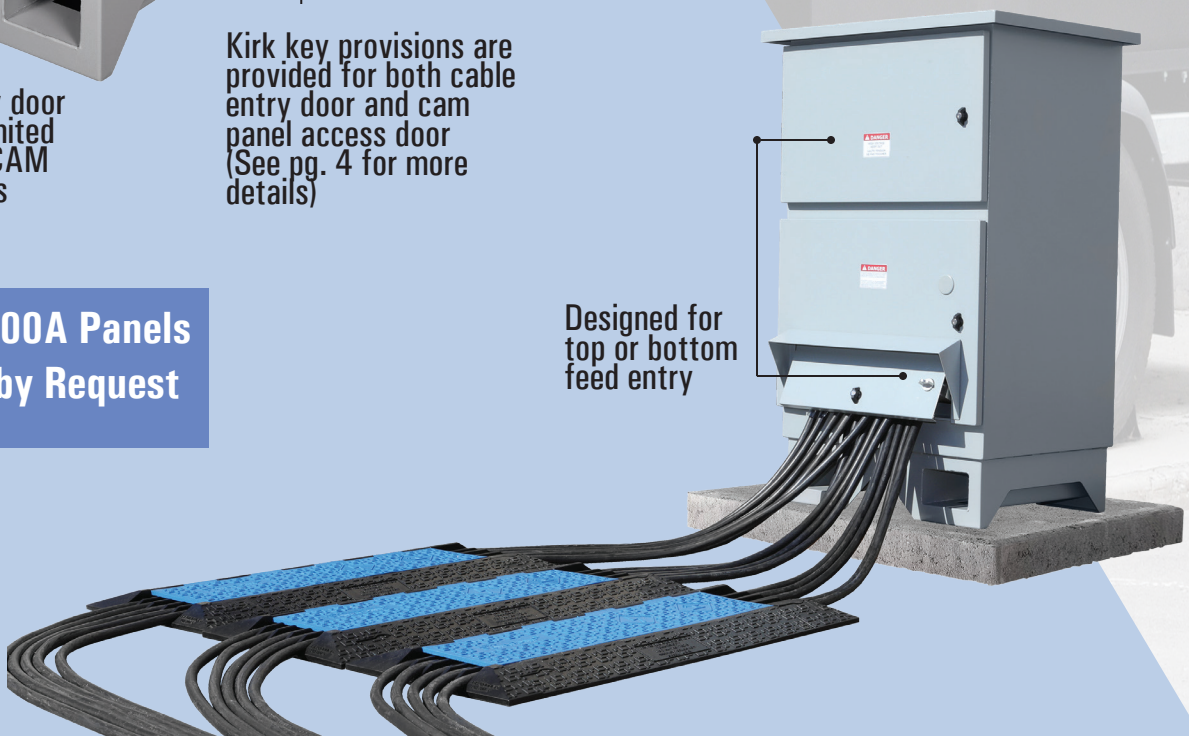
Auto/Remote
Start contacts

Phase
Rotation
Monitor



CAM access
panel for
temporary
generator


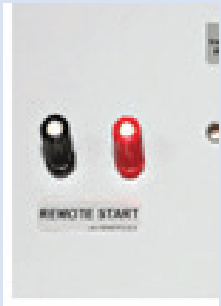


Designed for
top or bottom
feed entry



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
	Industry standard Series 16 CAM-Type devices allow for quick connection saving time and money.	NEC 700.3 (F) 1. Connection to the portable or temporary alternate source of power shall not require modification of the permanent system wiring.
	Auto Remote Start/Stop contacts Quickly transfer power to the standby generator with a prewired line of communication from the input panel and the transfer switch.	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.
	Phase Rotation Monitor Visually monitor the correct sequence of phases L1, L2 and L3 by the presence of an LED light.	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.
	Kirk Key Provision Allows for the installation of a trap key system, serving as a means to transfer power supplied to the facility.	NEC 700.3 (F) 4. Mechanical or electrical interlocking shall prevent inadvertent interconnection of power sources.

Ordering Information Power Input Panels

PowerGATE™ Power Input Panels

HIGH VOLTAGE
KEEP OUT
HAUTE TENSION
NE PAS TOUCHER

Wiring Connections should be in the following order:
1) Equipment grounding conductor connections
2) Grounded circuit conductor connections, and
3) Ungrounded conductor connections.
Disconnection should be in the reverse order.
Le raccordement devrait être effectué dans l'ordre qui suit:
1) Conducteur de mise à la terre de l'appareillage
2) Conducteur du circuit mis à la terre
3) Conducteurs non mis à la terre.
La mise hors tension doit se faire dans l'ordre inverse.

PowerGATE™
Switches & Panels

Note: All electrical work must be done only for connection to a portable generator to the source terminals of a transfer switch, such that the wires are only energized from the generator.



cULus Listed

cETLus Listed

	400 Amp	800 Amp	1200 Amp	1600 Amp
Part Number	PGIP04A-BRBWG-GKL	PGIP08A-BRBWG-GKL	PGIP12G-GWBRB-GKS	PGIP16G-GWBRB-GKS
Rating	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
Environmental Rating	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)
Input	(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
Output	(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
Enclosure	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
Dimensions	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
Approximate Weight	55 lbs	68 lbs	485 lbs	505 lbs

	400 Amp	800 Amp	1200 Amp	1600 Amp
Part Number	PGIP04A-BOYWG-GKL	PGIP08A-BOYWG-GKL	PGIP12G-GWBOY-GKS	PGIP16G-GWBOY-GKS
Rating	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
Environmental Rating	type 3R (Outdoor Use)	type 3R (Outdoor Use)	TYPE 3R (Outdoor Use)	TYPE 3R (Outdoor Use)
Input	(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
Output	(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
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PowerGATE™ Power Output Panels



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.

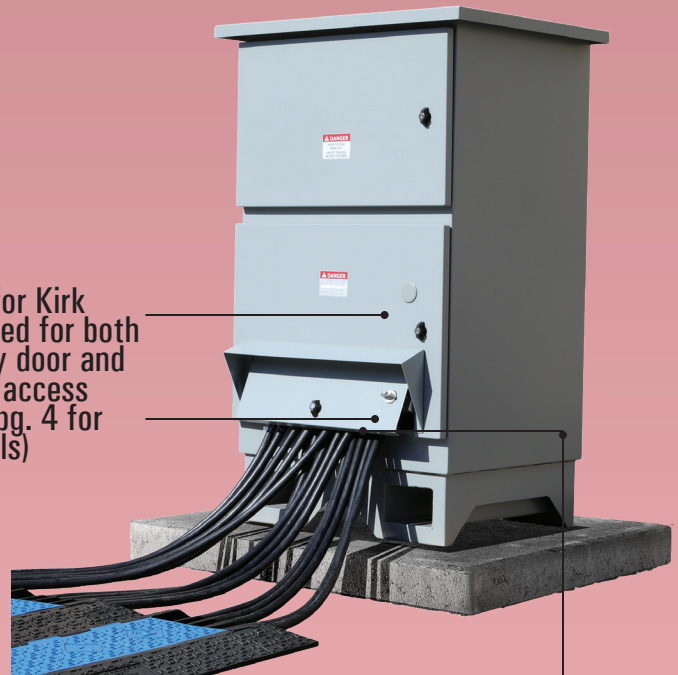
PowerGATE™ Power Output Panels are fully Listed to UL 891 for outdoor use in the U.S. and Canada

400-1600AMP: Construction Details



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

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



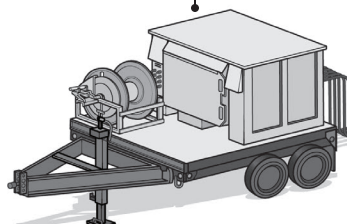
Restricts access to terminations and provides cable strain relief with cable egress door

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

Connection chamber allows ample room for ease of making connections

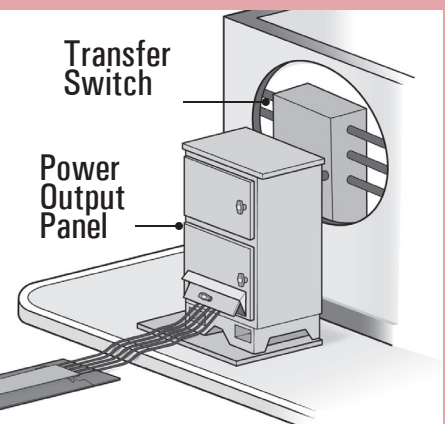
Complete routine backup power system testing by connecting a load bank to the PowerGATE Output Panel

Load Bank



Transfer Switch

Power Output Panel



Ordering Information Power Output Panels

PowerGATE™ Power Output Panels



	cULus Listed		cETLus Listed	
	400 Amp	800 Amp	1200 Amp	1600 Amp
Part Number	PGOP04A-BRBWG-KL	PGOP08A-BRBWG-KL	PGOP12G-GWBRB-KS	PGOP16G-GWBRB-KS
Rating	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
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Output	(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
Enclosure	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
Dimensions	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
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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



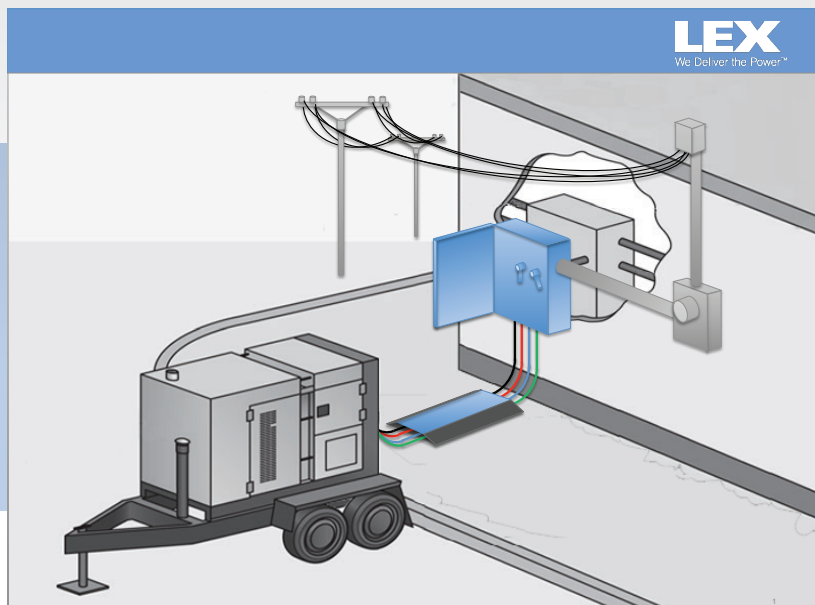
Outdoor placement eliminates need to run cables in public access areas and allows building entrances to remain securely closed

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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