Emergency Power Solutions
The Importance Emergency Power Solutions...

AN EXCERPT FROM USA TODAY:

Analysis from blackout events in the United States shows that a 30-minute power loss results in an average of $15,709 loss of business for medium and large businesses, and nearly $94,000 for an eight-hour interruption.

Even short blackouts – which occur several times a year in the U.S. can add up to an annual estimated economic loss of between $104 to $164 billion.

*All $ in US

TOP AFFECTED INDUSTRIES BY THE LOSE OF POWER:

- Manufacturing Industries
- Financial Corporations
- Consulting and (IT) Services
- Data Centers
- Perishable Items
- Control Centers
- Medical / Healthcare Facilities
- Military Operations
- Entertainment Venues
- Safety and Security
PERMANENT SOLUTIONS FOR EMERGENCY POWER

400 Amp ReadySwitch™ (Switched and Service Entrance Rated Versions)

Power Input Panel with Emergency Transfer Switch

Catalog Number:
Service Entrance Rated Version)
- PIPM0400-C-C-AJ-GRXEE (Black, Red, Blue)
- PIPM0400-C-C-AJ-GOXEE (Brown, Orange, Yellow)
- PIPM0400-C-C-AJ-GBXEE (All Black)

(Switched Version)
- PIPM0400-S-S-AJ-GRXFF (Black, Red, Blue)
- PIPM0400-S-S-AJ-GOXFF (Brown, Orange, Yellow)
- PIPM0400-S-S-AJ-GBXFF (All Black)

Description:
The ReadySwitch Power Input Panel with Integrated Manual Transfer Switch is a cULus 1008 Switchgear Accessory that enables easy connection and operation of a portable generator to a facility in the event of a power outage. Designed to work in tandem with utility power and portable generator (purchased separately) to switch between the two sources. Prior to or during a power outage, a portable generator can be connected to the ReadySwitch. If a power outage does occur, the portable generator can be energized and the ReadySwitch manual transfer switch can be toggled. Power is then restored to the facility.

Application:
Gas Stations, Convenience Stores, Grocery Stores, Schools, Water and Sewage Treatment Plants, Municipal Facilities, Nursing Homes, Hospitals and Urgent Care Centers, Housing Facilities and Communication Facilities.

Features & Benefits:
- Eliminates need for expensive permanent generator purchased and maintenance and need for professional emergency electrical work
- Outdoor placement eliminates need to run cables in public access areas and allows building entrances to remain securely closed
- Keyed entry and front door prevents unauthorized access and operation
- cULus Type 3R for extended use outdoors
- ANSI Gray color matches other switchgear and does not stick out
- Clearly identified exterior labels increase ability to be seen in a power outage

Specifications & Ordering Information

<table>
<thead>
<tr>
<th>Catalog Numbers</th>
<th>See Above (Service Entrance Rated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating</td>
<td>400 Amp, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 600 VAC Maximum</td>
</tr>
<tr>
<td>Input</td>
<td>(1) Set of (5) 16 Series Cam-type color coded panel mount inlets (Black, Red, Blue)</td>
</tr>
<tr>
<td>Output</td>
<td>Direct Wire</td>
</tr>
<tr>
<td>Enclosure Material &amp; Environmental Rating</td>
<td>Powder Coated Steel, ANSI 61 Grey</td>
</tr>
<tr>
<td>Overall Dimensions</td>
<td>48” H x 30” D x 13.5” W</td>
</tr>
<tr>
<td>Approximate Weight</td>
<td>252 lbs.</td>
</tr>
</tbody>
</table>
1600 Amp Power Input Panel
Temporary Power Connection Point with Cam-type Connector Input

Catalog Number:
PGIP1600-CRG20EI-S3 and PGIP1600-CRG16DI-S3

Description:
1600 Amp Delta and Wye operation, permanently installed enclosure with Cam-type input, Type 3R Weather Resistant.

Application:
This panel provides a Listed and easy connection point for cables coming from a portable generator when temporary power is required due to a power outage. The Power Input Panel is used in conjunction with a transfer switch.

Features & Benefits:
- Provide safe, reliable, convenient and economical access to temporary electricity in power outage and disaster relief applications
- Keylocked access doors limit access to connections and help prevent unauthorized entry
- Bus bars made of 3/8” thick copper enable a short circuit capacity of 22,000 Amps
- Ample room for cable routing and termination
- Series 16 Cam-type connectors allow for quick connection
- Sturdy forklift slots enable stable transport and installation

Specifications & Ordering Information

<table>
<thead>
<tr>
<th>Catalog Numbers</th>
<th>PGIP1600-CRG20EI-S3</th>
<th>PGIP1600-CRG16DI-S3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating</td>
<td>1600 Amp, 3 Phase (H,H,H,N,G), 4 Pole, 5 Wire, 600 VAC Maximum</td>
<td>1600 Amp, 3 Phase (H,H,H,G), 3 Pole, 3 Wire, 600 VAC Maximum</td>
</tr>
<tr>
<td>Connector Input</td>
<td>(4) Sets of (5) 16 Series Cam-type color coded panel mount inlets</td>
<td>(4) Sets of (5) 16 Series Cam-type color coded panel mount inlets</td>
</tr>
<tr>
<td>Connector to Building Wiring</td>
<td>Copper bus bar with 1/2” Holes</td>
<td>Copper bus bar with 1/2” Holes</td>
</tr>
<tr>
<td>Agency Approval</td>
<td>cETLus Listed</td>
<td>cETLus Listed</td>
</tr>
<tr>
<td>Enclosure Material &amp; Environmental Rating</td>
<td>Powder coated 12 gauge galvanized steel, TYPE 3R Rainproof</td>
<td>Powder coated 12 gauge galvanized steel</td>
</tr>
<tr>
<td>Overall Dimensions</td>
<td>56” H x 30” D x 35” W</td>
<td>56” H x 30” D x 35” W</td>
</tr>
<tr>
<td>Approximate Weight</td>
<td>505 lbs.</td>
<td>495 lbs.</td>
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</table>
### Cam-Type Extensions

<table>
<thead>
<tr>
<th>Rating</th>
<th>Male Connector</th>
<th>Cable</th>
<th>Female Connector</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 Amp, 600 VAC</td>
<td>16 Series Inline</td>
<td>4/0 AWG Type W (Industrial)</td>
<td>16 Series Inline</td>
<td>FE600W-XX</td>
</tr>
<tr>
<td>400 Amp, 600 VAC</td>
<td>16 Series Inline</td>
<td>4/0 AWG Type SC (Entertainment)</td>
<td>16 Series Inline</td>
<td>FE6000-XX</td>
</tr>
<tr>
<td>200 Amp, 600 VAC</td>
<td>16 Series Inline</td>
<td>2/0 AWG Type W (Industrial)</td>
<td>16 Series Inline</td>
<td>FE500W-XX</td>
</tr>
<tr>
<td>200 Amp, 600 VAC</td>
<td>16 Series Inline</td>
<td>2/0 AWG Type SC (Entertainment)</td>
<td>16 Series Inline</td>
<td>FE5000-XX</td>
</tr>
<tr>
<td>100 Amp, 600 VAC</td>
<td>16 Series Inline</td>
<td>#2 AWG Type SC (Entertainment)</td>
<td>16 Series Inline</td>
<td>FE3000-XX</td>
</tr>
<tr>
<td>100 Amp, 600 VAC</td>
<td>(5) 16 Series Inline</td>
<td>#2 AWG Type SC (5) Wire Banded)</td>
<td>(5) 16 Series Inline</td>
<td>FB305W-XX</td>
</tr>
</tbody>
</table>

Add suffix to indicate connector color: A=Black  B=White  C=Red  D=Blue  E=Green  
XX to specify cable length

### Bare End Tie-In Sets

<table>
<thead>
<tr>
<th>Rating</th>
<th>Male Connector</th>
<th>Cable</th>
<th>Female Connector</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 Amp, 600 VAC</td>
<td>Bare Cable End</td>
<td>4/0 AWG Type W (Industrial)</td>
<td>(5) 16 Series Inline</td>
<td>TS60WF-XX</td>
</tr>
<tr>
<td>200 Amp, 600 VAC</td>
<td>Bare Cable End</td>
<td>2/0 AWG Type W (Industrial)</td>
<td>(5) 16 Series Inline</td>
<td>TS50WF-XX</td>
</tr>
<tr>
<td>100 Amp, 600 VAC</td>
<td>Bare Cable End</td>
<td>#2 AWG Type W (Industrial)</td>
<td>(5) 16 Series Inline</td>
<td>TS300WF-XX</td>
</tr>
</tbody>
</table>

Tie-In sets are to be used by authorized personnel only.  
XX to specify cable length
**TEMPORARY SOLUTIONS FOR EMERGENCY POWER**

1. **8,200 Lumen Portable Work Light**
   Portable fluorescent work light, 20,000 lamp hours at 8,200 Lumen, cULus Listed, outdoor rated with rugged polycarbonate shell. Ballast operated up to 277 VAC. Models with 60-minute emergency battery backup model (B6700-EM) available.
   P/N: B6700

2. **E-String Multiple Receptacle Extension**
   20 Amp, 2 Pole, 3 Wire, NEMA 5-20 straight-blade plug with (6) 15 Amp, 2 Pole, 3 Wire, NEMA 5-15 Receptacles.
   P/N: 50112BA

3. **NEMA 5-15 Cable Extension**
   NEMA 5-15, 15 Amp, 120 VAC water-resistant plug and connector, 12 AWG, 3 Conductor, SOOW Yellow Cable Listed for protections against water, oil and sunlight.
   P/N: PE7000Y-25-515-WT

4. **50 Amp Pagoda Jr.**
   50 Amp, Single Phase, 3 Pole, 4 Wire, 120/240 VAC, Pagoda Jr. Enclosure, California-Style locking inlet to (6) NEMA 5-20, 20 Amp, 120 VAC GFCI duplex receptacles, cULus Type 3R Weather Resistant.
   P/N: DB-50NF-BQQ-S3

5. **50 Amp Locking Cable Extension**
   50 Amp, 125/250 VAC, 3 Pole, 4 Wire, California-Style Locking Extension, 6 AWG, 4 Conductor, SOOW Cable with protection against water, oil and sunlight.
   P/N: PE6/4-50-CS63

6. **Crossover Cable Protector**
   5 channel (4 @ 1.25”, 1 @ 1.625”) cable protector, 16.3k lbs./tire
   P/N: PRC-5-XXX-XXX
EXAMPLE OF A DISASTER RELIEF SYSTEM
For over 25 years Lex Products has provided custom engineered solutions and durable products for the some of the most critical applications where portable power is needed.

Lex specializes in products designed to withstand rough use and harsh environments. This brochure explains a selection of offerings specific to disaster relief and temporary shelter power applications.