Weather-proof Safety Standard

Our system has been developed over the past 30 years to safely provide temporary electrical power to job sites in Canada’s harsh northern climate. Consequently, our electrical equipment is housed in durable, weather-proof enclosures and certified by the National Electrical Equipment Manufacturers Association as weather-proof (“NEMA3”). Safety always comes first in the design and manufacture of our temporary electrical systems. No equipment leaves our doors without passing rigorous quality control tests and inspection.

Continuous Power Flow

Our B Boxes are unique because they use a 60-amp breaker to feed a branch circuit. Consequently, if a C Panel is overloaded, it trips the breaker in the B Box that feeds the one panel. This isolates the interrupted power connection, leaving the rest of the system energized.

Plug & Play Connections

Our electrical power system uses quick connect/disconnect fittings, making repairs both easy and convenient. On-site personnel can remove and replace the C Panel needing repair within minutes. This also makes the system cost effective because it reduces the down time associated with electrical repairs.

Simple, Dependable and Mobile

Our temporary electrical power system is tried and tested with a very limited learning curve. Tradespeople and their supervisors have come to rely on the system for its simplicity, durability and reliability. The equipment has also been built with mobility on mind. Larger elements (e.g., main and sub distribution panels) are equipped with crane-lifting hooks, while smaller elements (e.g., B Boxes, C Panels) are easily manoeuvred manually.
Main Distribution Panels

**Description**
Our main distribution panels are available in voltages from 208 to 600, and in amperages from 400 to 2,000, making these panels suitable for any size project.

**Electrical Rating**
Volts: 600/480/208-120
Amps: 400-2000
Three Phase
Four Wire
NEMA 3R

**Dimensions**
The weight and dimensions depend upon Main Breaker Current Rating and Interrupting Capacity requirements.

400A Distribution Panels

**Description**
400A Distribution Center customized for job site requirements.

**Electrical Rating**
Volts: 600
Amps: 400
Three Phase
Four Wire
NEMA 3R

**Dimensions (W x H x L in inches)**
36 x 96 x 92

Sub A 400 Panels

**Description**
A Sub Distribution center with a primary voltage of either 480V or 600V. Complete with a Transformer and a 400A 120/208V distribution panel board.

The panel board comes complete with 100A and 60A 4 Wire 4 Pole Arc Tight Receptacles.

**Electrical Rating**
Volts: 600/120-208
Amps: 200/400
Three Phase
Four Wire
NEMA 3R

**Dimensions (W x H x L in inches)**
32 x 62 x 76
Convenience Panels

Description
Plug in system to B Box, Transformer, distribution center or available applicable power supply.

Our C panels are configured to supply 50 to 100A at 120/240 single phase or 120/208V 3 Phase. They are rugged and easily moved.

Each panel can cover a 50- to 100-foot radius from the power supply and is equipped with GFI protection for the receptacles.

Electrical Rating
Volts: 120/208 – 120/240
Amps: 60-100
Single Phase - Three Phase
Three - Four Wire
NEMA 3R

Dimensions (W x H x L in inches)
44 x 27 x 25

B Boxes

Description
Allows 100A feed through power supply and enables a 50A branch circuit to accommodate a C panel.

Electrical Rating
Volts: 120/208
Amps: 100
Three Phase
Four Wire

Dimensions (W x H x L in inches)
16 x 16 x 7

Transformers

Description
Available in all standard voltages.

Our transformers are configured to transform voltages, either up or down, depending on your project needs.

Electrical Rating
Varies by transformer specification.

Dimensions
Varies by transformer size
## Welding Panels

**Description**

400A Distribution Center complete with six 100A Arc Tight Receptacles for welders. Can be connected to 600V down to 208V.

**Electrical Rating**

- Volts: 600
- Amps: 400
- Three Phase
- Four Wire
- NEMA 3R

**Dimensions (W x H x L in inches)**

- 36 x 96 x 92

## Lighting Panels

**Description**

100A Temporary power panel complete with 20A T Slot GFI Receptacles. Receptacles are controlled by a photo cell and/or time clock.

This unit automatically turns job site lighting on when site is occupied and off when unoccupied.

**Electrical Rating**

- Volts: 120-208
- Amps: 100
- Three Phase
- Four Wire
- NEMA 3R

**Dimensions (W x H x L in inches)**

- 60 x 34 x 24

## Cables

**Description**

Weather-proof pin and sleeve cabtyre cords to connect the temporary power system.

**Electrical Rating**

- Volts: 600
- Amps: 60-100
- Four and Five Wire
- NEMA 3R

**Dimensions**

- Standard 50-100 foot length but can be custom ordered

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**ABOUT ALL TYPE ELECTRIC**

Since 1981, All Type Electric has partnered with industry leaders to design, build and sustain critical electrical solutions.

We specialize in the aggregate construction and industrial markets, operating both as a traditional electrical contractor and an equipment fabricator, to provide four core solutions:

- Electrical Design-Build Construction
- Electrical Maintenance, Repair and Overhaul Service
- Temporary Power Equipment
- Aggregate Power Vans