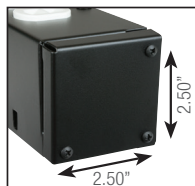




Sample configuration: 30-inch chassis with J-box and power modules 5, 4, 5, 5, BB.



POWERSTAC™ chassis



MADE IN U.S.A.

POWERSTAC™ let's you select the location of power modules along a 30, 60 or 75-inch chassis, with a choice of connection (J-box or non-metallic flexible conduit). Save time and labor by ordering it pre-installed in a rack.

### FEATURES:

- **Chassis:**
  - 30, 60 or 75-inch
  - Certified U.S. steel with black powder epoxy finish
- **Power Modules:**
  - Assembled in the U.S.A. with domestic and foreign parts.
  - Patented\* rotating outlet plates allow individual modules to be flipped in the field to face in an alternate direction
  - Module Selections:
    - 5, 10 or 15 inch length
    - Blank modules allow for spacing
    - 15A, 20A or 30A
    - Surge suppression
    - Remote power control
    - Single, duplex or Twistlock outlets
    - Single or multiple circuits
    - Insulated ground (I.G.) outlets
- **Termination:** J-box or non-metallic flexible conduit
- **Separate Insulated Ground Option (SIG):** Option to have independent grounding conductors for each circuit (for I.G. receptacle modules with multiple circuits).

**HOW TO ORDER:** Each unique configuration is assigned its own model number, which can be used to reorder the same unit. Visit [Lowellmfg.com](http://Lowellmfg.com) to configure a POWERSTAC with the online configuration tool, or download paper templates for manual configuration. Basic configuration steps include making selections for the following:

- 1. Chassis Length:** Select 30, 60 or 75 inch chassis.
  - 2. Termination:** Choose one of five J-boxes and indicate rack position (interior or exterior) OR select the non-metallic flexible conduit and indicate rack positioning (top or bottom). Be sure to check [Allowable Wire Combinations](#) to ensure fit (pg.2).
  - 3. Chassis Designation:** Using choices made in Steps 1 and 2, identify the [Chassis Designation](#), which will be used as the prefix for the unique model number (pg.2).
  - 4. Power Modules:** Refer to the [Power Module Library](#) (pg.3) to select individual power modules and add the identification number for each selection, in the order desired, to the [Chassis Designation](#) prefix. Fill the entire chassis, using blank modules if needed to fill empty spaces. Downloadable worksheets explain where to record the information and how the model number is created. ([www.LowellMfg.com](http://www.LowellMfg.com))
  - 5. Rackmount Positioning:** Indicate the rack position where the POWERSTAC will be mounted (pg.4).
- 
- 6. Optional Separate Insulated Ground** (for I.G. multi-circuit power modules only): Indicate if you require an independent grounding conductor for each circuit by adding "SIG" as a suffix at the end of the model number. Additional charges apply.

\*U.S. patent no. D535178S



## Allowable Wire Combinations (use to select J-Box or Conduit)

### **J-BOX NO. 1 (4" x 4" x 2.125")**

3 (15A or 20A circuits) + 0 (30A circuits)  
2 (15A or 20A circuits) + 1 (30A circuits)  
0 (15A or 20A circuits) + 2 (30A circuits)

### **J-BOX NO. 2 (4.687" x 4.687" x 2.125")**

4 (15A or 20A circuits) + 0 (30A circuits)  
3 (15A or 20A circuits) + 1 (30A circuits)  
2 (15A or 20A circuits) + 2 (30A circuits)  
1 (15A or 20A circuits) + 3 (30A circuits)  
0 (15A or 20A circuits) + 4 (30A circuits)

### **J-BOX NO. 3 (4" x 4" x 4")**

6 (15A or 20A circuits) + 0 (30A circuits)  
5 (15A or 20A circuits) + 1 (30A circuits)  
4 (15A or 20A circuits) + 2 (30A circuits)  
3 (15A or 20A circuits) + 3 (30A circuits)  
2 (15A or 20A circuits) + 4 (30A circuits)  
1 (15A or 20A circuits) + 5 (30A circuits)  
0 (15A or 20A circuits) + 6 (30A circuits)

### **J-BOX NO. 4 (6" x 6" x 3")**

12 (15A or 20A circuits) + 0 (30A circuits)  
10 (15A or 20A circuits) + 1 (30A circuits)  
9 (15A or 20A circuits) + 2 (30A circuits)  
7 (15A or 20A circuits) + 3 (30A circuits)  
6 (15A or 20A circuits) + 4 (30A circuits)  
4 (15A or 20A circuits) + 5 (30A circuits)  
2 (15A or 20A circuits) + 6 (30A circuits)  
0 (15A or 20A circuits) + 7 (30A circuits)

### **J-BOX NO. 5 (6" x 6" x 4")**

15 (15A or 20A circuits) + 0 (30A circuits)  
14 (15A or 20A circuits) + 1 (30A circuits)  
13 (15A or 20A circuits) + 2 (30A circuits)  
12 (15A or 20A circuits) + 3 (30A circuits)  
11 (15A or 20A circuits) + 4 (30A circuits)  
10 (15A or 20A circuits) + 5 (30A circuits)  
9 (15A or 20A circuits) + 6 (30A circuits)  
7 (15A or 20A circuits) + 7 (30A circuits)  
6 (15A or 20A circuits) + 8 (30A circuits)  
5 (15A or 20A circuits) + 9 (30A circuits)  
4 (15A or 20A circuits) + 10 (30A circuits)  
3 (15A or 20A circuits) + 11 (30A circuits)  
2 (15A or 20A circuits) + 12 (30A circuits)  
1 (15A or 20A circuits) + 13 (30A circuits)  
0 (15A or 20A circuits) + 14 (30A circuits)

### **CONDUIT for 30" CHASSIS (.75" dia.)**

3 (15A or 20A circuits) + 0 (30A circuits)  
2 (15A or 20A circuits) + 1 (30A circuits)  
0 (15A or 20A circuits) + 2 (30A circuits)

### **CONDUIT for 60" CHASSIS (1.00" dia.)**

6 (15A or 20A circuits) + 0 (30A circuits)  
5 (15A or 20A circuits) + 1 (30A circuits)  
4 (15A or 20A circuits) + 2 (30A circuits)  
3 (15A or 20A circuits) + 3 (30A circuits)  
2 (15A or 20A circuits) + 4 (30A circuits)  
1 (15A or 20A circuits) + 5 (30A circuits)  
0 (15A or 20A circuits) + 6 (30A circuits)

### **CONDUIT for 75" CHASSIS (1.25" dia.)**

15 (15A or 20A circuits) + 0 (30A circuits)  
14 (15A or 20A circuits) + 1 (30A circuits)  
13 (15A or 20A circuits) + 2 (30A circuits)  
12 (15A or 20A circuits) + 3 (30A circuits)  
11 (15A or 20A circuits) + 4 (30A circuits)  
10 (15A or 20A circuits) + 5 (30A circuits)  
9 (15A or 20A circuits) + 6 (30A circuits)  
7 (15A or 20A circuits) + 7 (30A circuits)  
6 (15A or 20A circuits) + 8 (30A circuits)  
5 (15A or 20A circuits) + 9 (30A circuits)  
4 (15A or 20A circuits) + 10 (30A circuits)  
3 (15A or 20A circuits) + 11 (30A circuits)  
2 (15A or 20A circuits) + 12 (30A circuits)  
0 (15A or 20A circuits) + 13 (30A circuits)

*Note: When choosing the SIG option (independent conductor for each circuit), the default J-box is No. 5 and the default conduit is 1.25 dia.*

*All measurements are provided in inches.*

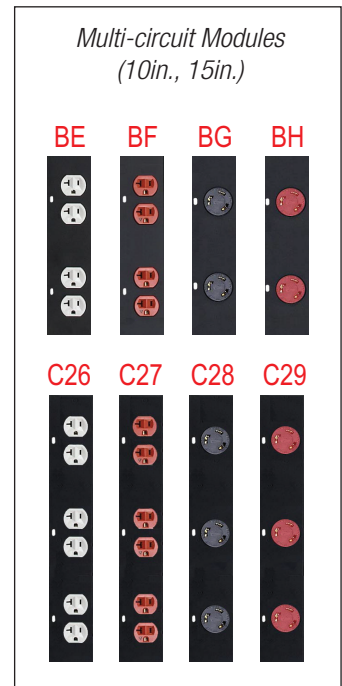
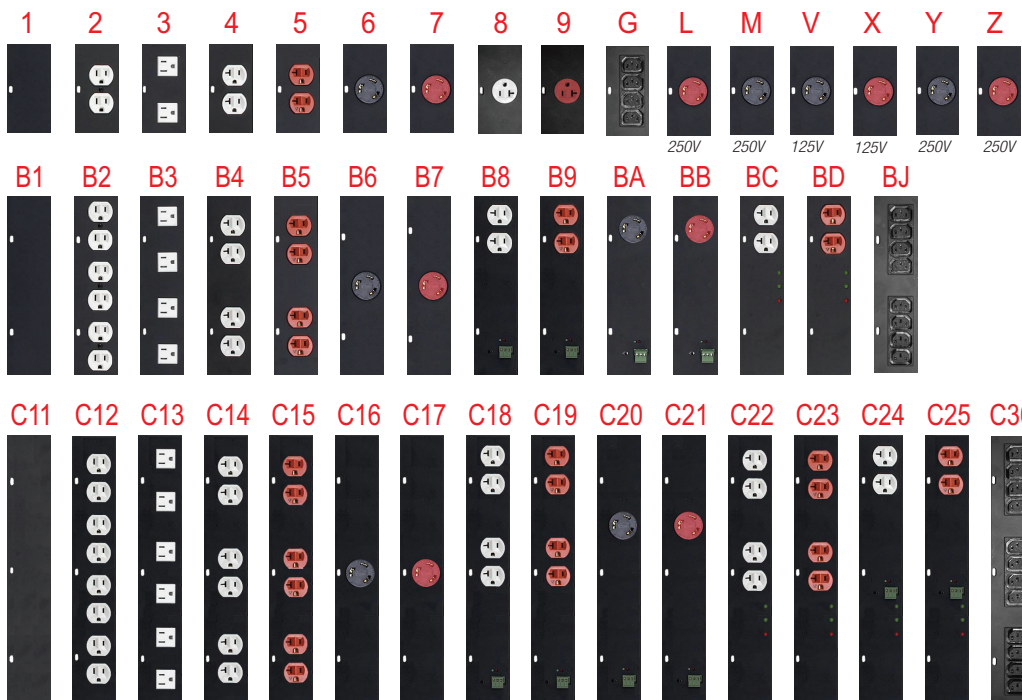
## Chassis Designations (prefix for POWERSTAC model number)

Chassis	With J-BOX NO. 1 (4" x 4" x 2.125")	Chassis
30-inch	3-circuit 30-in. chassis with J-box mounted to rack exterior	Y11
30-inch	3-circuit 30-in. chassis with J-box mounted to rack interior	Y44
60-inch	3-circuit 60-in. chassis with J-box mounted to rack exterior	X1
60-inch	3-circuit 60-in. chassis with J-box mounted to rack interior	X5
75-inch	3-circuit 75-in. chassis with J-box mounted to rack exterior	K
75-inch	3-circuit 75-in. chassis with J-box mounted to rack interior	T
<b>With J-BOX NO. 2 (4.687" x 4.687" x 2.125")</b>		
30-inch	4-circuit 30-in. chassis with J-box mounted to rack exterior	Y22
30-inch	4-circuit 30-in. chassis with J-box mounted to rack interior	Y55
60-inch	4-circuit 60-in. chassis with J-box mounted to rack exterior	X2
60-inch	4-circuit 60-in. chassis with J-box mounted to rack interior	X6
75-inch	4-circuit 75-in. chassis with J-box mounted to rack exterior	N
75-inch	4-circuit 75-in. chassis with J-box mounted to rack interior	W
<b>With J-BOX NO. 3 (4" x 4" x 4")</b>		
30-inch	6-circuit 30-in. chassis with J-box mounted to rack exterior	Y33
30-inch	6-circuit 30-in. chassis with J-box mounted to rack interior	Y66
60-inch	6-circuit 60-in. chassis with J-box mounted to rack exterior	X3
60-inch	6-circuit 60-in. chassis with J-box mounted to rack interior	X7
75-inch	6-circuit 75-in. chassis with J-box mounted to rack exterior	
<b>With J-BOX NO. 4 (6" x 6" x 3")</b>		
60-inch	12-circuit 60-in. chassis with J-box mounted to rack exterior	X4
60-inch	12-circuit 60-in. chassis with J-box mounted to rack interior	X8
75-inch	12-circuit 75-in. chassis with J-box mounted to rack exterior	Q
<b>With J-BOX NO. 5 (6" x 6" x 4")</b>		
75-inch	15-circuit 75-in. chassis with J-box mounted to rack exterior	R
<b>With 6-ft. (non-metallic) Flexible Conduit</b>		
30-inch	6-circuit 30-in. chassis with non-metallic flexible conduit at top	Y77
30-inch	6-circuit 30-in. chassis with non-metallic flexible conduit at bottom	Y88
60-inch	12-circuit 60-in. chassis with non-metallic flexible conduit at top	X9
60-inch	12-circuit 60-in. chassis with non-metallic flexible conduit at bottom	X0
75-inch	15-circuit 75-in. chassis with non-metallic flexible conduit at top	H
75-inch	15-circuit 75-in. chassis with non-metallic flexible conduit at bottom	J



**Power Module Library** (fill entire chassis using blank modules to fill empty spaces, if needed)

*Single-circuit Modules (5in., 10in.,15in.)*



Module	Length	Description
1	5 in.	Blank (space filler)
2	5 in.	NEMA 5-15R (duplex)
3	5 in.	NEMA 5-15R (2 single)
4	5 in.	NEMA 5-20R (duplex)
5	5 in.	NEMA 5-20R IG (duplex, iso. ground)
6	5 in.	NEMA L5-30R (twistlock)
7	5 in.	NEMA L5-30R IG (twistlock, iso. ground)
8	5 in.	NEMA 5-20R (single)
9	5 in.	NEMA 5-20R IG (single, iso. ground)
G	5 in.	IEC-C13 (4 IEC 15A)
L	5 in.	NEMA L6-20R IG (250V 20A, twistlock, iso. ground)
M	5 in.	NEMA L6-30R (250V 30A, twistlock)
V	5 in.	NEMA L5-20R (125V 20A, twistlock)
X	5 in.	NEMA L5-20R IG (125V 20A, twistlock, iso. ground)
Y	5 in.	NEMA L6-20R (250V 20A, twistlock)
Z	5 in.	NEMA L6-30R IG (250V, 30A, twistlock, iso. ground)
B1	10 in.	Blank (space filler)
B2	10 in.	NEMA 5-15R (3 duplex)
B3	10 in.	NEMA 5-15R (4 single)
B4	10 in.	NEMA 5-20R (2 duplex)
B5	10 in.	NEMA 5-20R IG (2 duplex, iso. ground)
B6	10 in.	NEMA L5-30R (twistlock)
B7	10 in.	NEMA L5-30R IG (twistlock, iso. ground)
B8	10 in.	NEMA 5-20R (duplex, remote control)
B9	10 in.	NEMA 5-20R IG (duplex, iso. ground, remote control)
BA	10 in.	NEMA L5-30R (twistlock, remote control)
BB	10 in.	NEMA L5-30R IG (twistlock, iso. ground, remote control)
BC	10 in.	NEMA 5-20R (duplex, surge supp.)
BD	10 in.	NEMA 5-20R IG (duplex, iso. ground, surge supp.)
BJ	10 in.	IEC-C13 (8 IEC 15A)

Module	Length	Description
C11	15 in.	Blank (space filler)
C12	15 in.	NEMA 5-15R (4 duplex)
C13	15 in.	NEMA 5-15R (6 single)
C14	15 in.	NEMA 5-20R (3 duplex)
C15	15 in.	NEMA 5-20R IG (3 duplex, iso. ground)
C16	15 in.	NEMA L5-30R (twistlock)
C17	15 in.	NEMA L5-30R IG (twistlock, iso. ground)
C18	15 in.	NEMA 5-20R (2 duplex, remote control)
C19	15 in.	NEMA 5-20R IG (2 duplex, iso. ground, remote control)
C20	15 in.	NEMA L5-30R (twistlock, remote control)
C21	15 in.	NEMA L5-30R IG (twistlock, iso. ground, remote control)
C22	15 in.	NEMA 5-20R (2 duplex, surge supp.)
C23	15 in.	NEMA 5-20R IG (2 duplex, iso. ground, surge suppression)
C24	15 in.	NEMA 5-20R (duplex, surge supp., remote control)
C25	15 in.	NEMA 5-20R IG (duplex, iso. ground, surge supp., remote control)
C30	15 in.	IEC-C13 (12 IEC 15A)

*Multi-circuit*

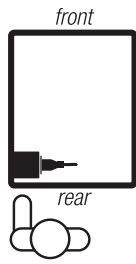
BE	10 in.	NEMA 5-20R (2 circuits, 1 duplex on each)
BF	10 in.	NEMA 5-20R IG (2 circuits, 1 duplex on each, iso. ground)
BG	10 in.	NEMA L5-30R (2 circuits, 1 twistlock on each)
BH	10 in.	NEMA L5-30R IG (2 circuits, 1 twistlock on each, iso. ground)
C26	15 in.	NEMA 5-20R (3 circuits, 1 duplex on each)
C27	15 in.	NEMA 5-20R IG (3 circuits, 1 duplex on each, iso. ground)
C28	15 in.	NEMA L5-30R (3 circuits, 1 twistlock on each)
C29	15 in.	NEMA L5-30R IG (3 circuits, 1 twistlock on each, iso. ground)

*Note: Modules with surge suppression conform to UL1449-4*



**POWERSTAC™ RACK POSITIONING**

Bird's eye view – installer standing at rear of rack



LEFT REAR CORNER  
with outlets facing right



LEFT REAR CORNER  
with outlets facing front



RIGHT REAR CORNER  
with outlets facing front



RIGHT REAR CORNER  
with outlets facing left

