



SECTION 9

HPS POWERPLUS™ MINI POWER CENTERS

Aluminum, Single Phase Mini Power Centers

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HPS PowerPlus™ Mini Power Center



The Compact Economical Solution

The HPS PowerPlus™ is a convenient pre-wired power center that saves you time, money, and space. HPS PowerPlus combines a pre-wired primary and secondary main breaker, secondary power panel, and dry-type shielded transformer in a Type 3R enclosure.

It is ideal for applications such as in industrial locations, temporary power at construction sites, commercial buildings, test equipment, and plant assembly lines.

SECTION 9



Features and Benefits

- Type 3R indoor/outdoor enclosure (optional 316 Stainless Steel enclosure available)
- 480 Primary, 120/240 Secondary
- Single Phase
- 60 Hz Frequency
- 5, 7.5, 10, 15, 25 kVA available
- Shielded transformer
- 180° insulation class
- 115° temperature rise
- Primary taps: 2 - 5% FCBN
- Meet NEMA, ANSI, & OSHA standards
- 15 year limited warranty on transformer
- 1 year limited warranty on Mini Power Center


Transformer: HPS shielded transformers are encapsulated for general purpose indoor or outdoor use within a variety of environments. An electrostatic shield is placed between the primary and secondary winding and grounded to reduce electrical interference and to provide additional protection.

Panel Assembly: The HPS PowerPlus assembly comes fully equipped with a primary & secondary main circuit breaker. It will hold up to 20 1-pole or 10 2-pole, one inch, common trip, duplex secondary branch circuit breakers (snap-in) and ground fault circuit breakers. Once you have established your branch circuit requirements, contact your local distributor to obtain your branch circuit breakers.

Connections: HPS PowerPlus accepts Aluminum or Copper conductors.

Protection: The transformer is protected by the primary main breaker, which handles high interrupting fault conditions. The N.E.C. requires a secondary breaker to be between the transformer and the panel.

Approvals:

HPS PowerPlus™:  US LISTED



ALUMINUM WOUND, SINGLE PHASE NEMA 3R STYLE ENCLOSURE



480 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 235 - 237)	Max. Secondary Circuits*		Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 256 - 257)
			120 V (1 Pole)	240 V (2 Pole)	Width	Depth	Height			
5	M1PC005LESF	PPE1	8	4	11.250	7.750	31.938	127	W	SCD 49
7.5	M1PC007LESF	PPE2	8	4	13.875	11.125	31.938	201	W	SCD 49
10	M1PC010LESF	PPE3	8	4	13.875	11.125	34.188	210	W	SCD 49
15	M1PC015LESF	PPE4	12	6	15.125	12.500	34.188	291	W	SCD 50
25	M1PC025LESF	PPE5	20	10	16.250	13.625	41.563	423	W	SCD 51

*Please contact factory for exact number of secondary circuits available

**Contact factory for copper information

ALUMINUM WOUND, SINGLE PHASE 316 STAINLESS STEEL ENCLOSURE

480 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 235 - 237)	Max. Secondary Circuits*		Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 256 - 257)
			120 V (1 Pole)	240 V (2 Pole)	Width	Depth	Height			
5	M1PC005LESF7	PPE1	8	4	11.250	7.750	31.938	127	W	SCD 49
7.5	M1PC007LESF7	PPE2	8	4	13.875	11.125	31.938	201	W	SCD 49
10	M1PC010LESF7	PPE3	8	4	13.875	11.125	34.188	210	W	SCD 49
15	M1PC015LESF7	PPE4	12	6	15.125	12.500	34.188	291	W	SCD 50
25	M1PC025LESF7	PPE5	20	10	16.250	13.625	41.563	423	W	SCD 51

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