

# Power Distribution Panel (PDP) - 25KW



## Characteristics

### Manufacturer:

PD Power Systems, LLC

### Part No.:

PDSYD-PDP-25 (GSA and DLA No.)

### NSN:

6110-01-224-3209

### Dimensions:

Length (in.): 23

Width (in.): 18

Height (in.): 18

Weight (lbs.): 38

### Temperature Range:

Operating Temperature: -25°F to +125°F

Storage Temperature: -65°F to +150°F

## Capabilities and Features

The PD Power Systems 25KW PDP is designed to accept power at 120/208 VAC, 3-phase, utilizing 60 amp power connectors. Power is then distributed at 120/208 VAC 3-phase and 120 VAC 1-phase. The PDPs are used to provide power to equipment requiring 120/208 VAC electrical power.

Electrical power distribution consists of circuit breakers feeding an output connector and receptacles that permit connecting cable feeders for load centers. The circuit breakers protect the cables from excessive current flow. **The equipment is designed for safe operation and conforms to the NEC for outdoor use.**

**Input:** The 25kW PDP has one 60-amp, 4-pole, 5-wire connector. The input connector is labeled J1 on the enclosure. The PDP25 is protected by an appropriately sized main circuit breaker.

**Output:** The PDP25 has one 60-amp, 4-pole, 5-wire, output connector, one 15-amp (NEMA 5-15R), and four 20-amp (NEMA L5-20R) receptacles. The output connector and receptacles are protected by appropriately sized circuit breakers.

The 60-amp output connector is labeled J2 on the enclosure.

The 15-amp receptacle is labeled J3 on the enclosure. The 20-amp receptacles are labeled J4 through J7 on the enclosure.

**Circuit Breakers:** The circuit breakers are thermal magnetic type. The 3-phase circuit breakers are 3-pole, molded case, common trip with a single operating toggle. **The operating mechanism for all circuit breakers is over center, trip free operation, providing quick-make and quick-break operation.**

When the circuit breaker is tripped, the operating toggle takes a position between ON and OFF. All 1-phase circuit breakers are GFCI rated and provide a PUSH TO TEST function.



For more information or for pricing, please email [sales@pdpowersystems.com](mailto:sales@pdpowersystems.com) or call 1-866-460-7377.