

# Power Distribution Panel (PDP) - 60KW

PD Systems offers a wide range of Power Distribution Panels ranging from 15KW to 200KW.

The PD Systems 60 KW PDP is designed to accept power at 120/208 VAC, 3-phase, utilizing 200 amp Power connectors. Power is then distributed at 120/208 VAC 3-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 PDP60 has one 200-amp, 4-pole, 5-wire connector. The input connector is a MIL-C-229922 male receptacle labeled J1 on the enclosure. The PDP is protected by an appropriately sized main circuit breaker.

**OUTPUT:** The PDP60 has four (4) @ 60 amp, 120/208 VAC, 3-Phase receptacles. The output connector and receptacles are protected by appropriately sized circuit breakers.

**CIRCUIT BREAKERS:** The circuit breakers are thermal magnetic type. The 3-phase circuit breakers are three pole, molded-case, common trip with a single operating toggle. The 1-phase circuit breakers are single pole, molded-case, 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.

**The 60-amp output connectors are MIL-C-22992 receptacles labeled J2 through J5 on the enclosure.**



## PD Systems 60KW PDP60

### General Equipment Data

NSN: 6110-01-237-4637 Part Number: PDSYS-PDP60

#### Manufacturer

PD Systems

Operating Temperature Range

-25 ° F to +125 F

Storage Temperature Range

-65 ° F to +150 F

Weight

38.0 LB

Overall Length

23.00 IN

Overall Width

18.00 IN

Overall Height

18.00 IN

Input Power Rating

1 @ 200 Amp, 120/208 VAC, 3-Phase

Output Power Rating

4 @ 60 amp, 120/208 VAC, 3-Phase



For more information on PDPs, contact Mazen Badr, Vice President and General Manager of Power Systems, at PD Systems, Inc.

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