

Power Distribution Panel (PDP)-25 KW

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

The PD Systems 25 KW 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 25 kW 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 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.



General Equipment Data

NSN: 6110-01-244-3209 PDS P/N: PDSYS-PDP25

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
PDP25 Power Ratings	
Power Input	1 @ 60 Amp, 120/208 VAC, 3-Phase
Power Output	1 @ 60 Amp, 120/208 VAC, 3-Phase 4 @ 20 amp, 120 VAC, 1-Phase 1 @ 15 amp, 120 VAC, 1-Phase



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