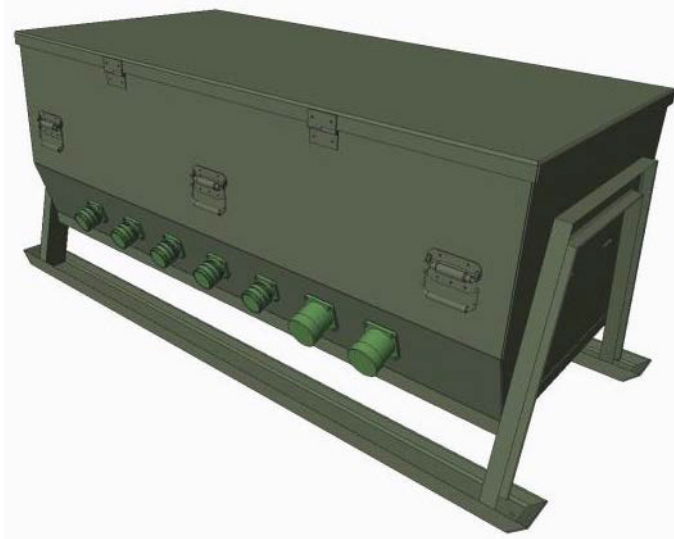


Power Distribution Panel (PDP) - 100KW



Characteristics

Manufacturer:

PD Power Systems, LLC

Part No.:

PDSYS-PDP-100 (GSA No.)

NSN:

6110-01-248-6671

Dimensions:

Length (in.): 75

Width (in.): 32

Height (in.): 33

Weight (lbs.): 450

Temperature Range:

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

Storage Temperature: -65°F to +150°F

Capabilities and Features

The PD Power Systems 100KW PDP is designed to provide power to equipment requiring 120/208 VAC electrical power. The 100KW PDP is designed to accept at 120/208 VAC, 3-phase, utilizing 400-amp input terminals. Power is then distributed at 120/208 VAC 3-phase using 100-amp and 60-amp connectors.

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 PDP100 has two (2) 400-amp, rated input terminals for a 3-phase, 5-wire input termination. The input connection points are labeled Line-1 and Line-2 on the enclosure. Each input is individually protected by an appropriately sized main circuit breaker that is mechanically interlocked with the other so only one input may be closed at a time.

Output: The PDP100 has four (4) 100-amp and ten (10) 60-amp outputs, each a 120/208 VAC, 3-phase MIL-C-22992 style receptacle with retained protective cover. The output receptacles are protected by individual, appropriately sized circuit breakers.

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.

Power Ratings

Characteristic	Value
Power Input	2 @ 400 Amp, 120/208 VAC, 3-phase
Power Output	4 @ 100 Amp, 120/208 VAC, 3-phase
	10 @ 60 Amp, 120/208 VAC, 3-phase



For more information or for pricing, please email sales@pdpowersystems.com or call 1-866-460-7377.