

PDPs

POWER DISTRIBUTION PANELS

TSL has developed a line of ruggedized AC Power Distribution Panels (PDPs), designed to meet the field requirements of military service. During the past twenty years, TSL has designed, qualified, and delivered over 15,000 PDP units meeting the design standards of MIL-P-29183. Several National Stock Number (NSN) items are available from 15KW to 200KW power capacities in over 40 configurations. The PDPs are commonly used in military “Bare Base” operations in extreme environments.



The TSL Model 1090 PDPs are portable, and the smaller sizes can be easily handled by one person. The larger units are designed for forklift or sling handling in addition to having multiple handles for moving by a 6 man crew. Input power to all units is 120/208 VAC three-phase. Outputs are protected by thermal-magnetic breakers, with ground-fault interrupters on single-phase output lines. All circuit breakers can be specified fungus-proof. Outputs are delivered by way of Class L circular connectors or NEMA wiring devices. The panels are finished in the various standard MIL-STD-595 service colors, including desert sand and camouflage.

TSL has also developed an improved method of sustainable power distribution that prevents “nuisance” circuit breaker trips.

STANDARD MODELS

Power Rating	TSL Part Number	Military Designator	NSN	Dimensions (inches)	Weight (lbs)
15KW	1090-100	PEU-154/E	6110-01-236-3829	27 x 18 x 17.5	51
25KW	1090-600	PEU-156/E	6110-01-244-3209	18 x 17 x 17.5	34
30KW	1090-300	PEU-158/E	6110-01-236-5890	36 x 18 x 18	78
60KW	1090-200	PEU-159/E	6110-01-237-4637	28 x 20 x 18	68
100KW	1090-500	PEU-155/E	6110-01-248-6671	75 x 33 x 32	450
200KW	1090-400	PEU-157/E	6110-01-236-5889	75 x 33 x 32	450