

P-Series Portable power pack P-1500

Magnetic particle inspection
equipment

General Description

The Magnaflux Portable Power Packs are convenient and economical inspection units that are used in a wide range of magnetic particle applications that require only moderate power. They are ideal for large or heavy parts, in-service mobile equipment or job-site welds.



Benefits

- Find surface defects with AC current; switch cable connection to half wave DC (HWDC) for near- surface flaws
- Locate defects in any direction using prods, central conductor, coil (wrap part with 3-5 turns of cable)
- Infinitely variable current control
- Demagnetize your parts in AC mode by slowly turning the current dial to zero
- Built-in automatic-reset circuit breaker
- May be used as the main power source for the Magnaflux MAG Kit modular bench inspection system

Accessories and Cables for Start-Up

- Cable 120 Sq mm, Two 5 Meters with copper lugs at both ends along with Prod Set (Part Number: F05004)
- Cable 120 Sq mm, 10 Meters with copper lugs at both ends (Part Number: F05007)
- Powder spray bulb with Aluminum head (Part Number: T03019)
- Pie field indicator (Part Number: D03009)

Specification and Operating Data

- Length: 20.27" (51.5 cm)
- Width: 8.85" (22.5 cm)
- Height: 8.66" (22.0 cm)
- Maximum Output*: 1500 Amps, AC/ HWDC
- Line Voltage: Standard model: 2 Lines of 3 phase, 415 Volts, 50 Hz,
Specific customer enquiry: Single Phase, 230 Volts, 50 Hz.
- Line Current:
Standard model: 25 Amps @ 415 VAC
Specific Customer enquiry: 50 amps @ 230 VAC;
- Maximum Duty Cycle: 0.8 Seconds ON, 8 Seconds OFF
- Unit Weight: 45 Kgs)

UNIT COMPARISON CHART		
	MODEL P-1500	MODEL P-2000
DIMENSIONS	20.27"L x 8.85"W x 8.66"H 51.5 x 22.5 x 22.0 cm	23.6"L x 10.4"W x 10.23"H 60.8 x 26.5 x 26.0 cm
WEIGHT	45 Kg	55 Kg
MAX OUTPUT¹	1500 Amps AC/HWDC	2000 Amps AC/HWDC
CURRENT OUTPUT² (single phase)	230 VAC, 50 Hz 415 VAC, 50 Hz	230 VAC 50 Hz 415 VAC 50 Hz
LINE CURRENT	25 Amps @ 415 VAC 50 Amps @ 230 VAC	32 Amps @ 415 VAC 65 Amps @ 230 VAC
MAX DUTY CYCLE	0.8 Seconds ON 8 Seconds OFF	0.8 Seconds ON 8 Seconds OFF
¹ Current ratings based on use of two 15-foot lengths of 4/0 cable. ² Other voltages available.		

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