

MPM 5/180 I-D/AE-Y

- + DIESEL ENGINE DRIVEN WELDER/GENERATOR / DELIVERS 170 A OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE

Gen Set Features

Processes: STICK

- + Low oil pressure and battery charger warning lights
- + 12V built-in battery with electric start
- + Fuel level indicator
- + 1 x 400 V - 50 Hz three-phase outlet
- + 1 x 230 V - 50 Hz Single-phase outlet protected by circuit breaker
- + 1 x 48 V - 50 Hz single outlet (safety low voltage)
- + Earth Leakage Circuit Breaker (ELCB)
- + Voltmeter

Gen Set Options

(available as factory options)

- + Versions with different voltages
- + Engine hourmeter
- + 60 Hz version

Accessories on Request

- + Trolley: two-wheels and handles
- + Welding cables Ø 25 mm² (5+3 m) with accessories

Noise Level

- + L_{WA} 99 (74 dB at 7m)

DC Welding

- + Duty Cycle @ 35% 170 A - 27 V
- + Duty Cycle @ 60% 140 A - 26 V
- + Output Range 40 A ÷ 170 A
- + Open Circuit Voltage 90 V
- + Max welding rod 4 mm

AC Generator - 50 Hz

- + Type Gen Set asynchronous self-excited and self-protected
- + Three-phase Power 5 kVA - 400 V
- + Single-phase Power 4 kVA - 230 V
- + Single-phase Power 1,5 kVA - 48 V
- + Power Factor 0,8

Diesel Engine 3000 rpm

- + Type **Yanmar L100 AE** - 1cyl. - 10HP (7,4kWm) - 406 cm³
- + Fuel diesel
- + Cooling system air
- + Starting system electric (and manual)
- + Fuel tank capacity 5,5 l
- + Fuel consumption @ 75% 1,7 l/h

Other Features

- + Insulation Class F
- + Mechanical Protection IP 23
- + Dimensions (L x W x H) 920 x 460 x 570 mm
- + Net Weight 148 kg

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