

# GenSet



**ACE**  
MACHINERY LTD.



**MPM 5/180 I-D/AE-Y**



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**PORTABLE ENGINE DRIVEN WELDER/GENERATOR - DELIVERS 170A OF DC WELD OUTPUT  
THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE  
DIESEL ENGINE 3000 RPM**

<b>Standard Features</b>	<b>Processes: SMAW (stick)</b> + Warning lights for: - battery charger failure - low oil pressure + 12V built-in battery + Earth Leakage Circuit Breaker + Power output protection + 1 x 16A 400V three-phase EEC socket + 1 x 16A 230V single-phase EEC socket + 48V output + Voltmeter
<b>Options</b> available as factory options	+ Version with different voltages + 60Hz version + Hourmeter
<b>Accessories on request</b>	+ Trolley: two-wheels and handles + Welding cables Ø 25 mm <sup>2</sup> (5+3 m) with accessories
<b>Noise level</b>	+ Lwa 99 (74 dB at 7 m)
<b>DC welding</b>	+ Current regulation: <b>electromechanical</b> + Duty Cycle @ 35%: 170A - 27V + Duty Cycle @ 40%: 180A - 20V + Duty Cycle @ 60%: 140A - 26 V + Stepless control (CC mode): 40A - 170A + Open Circuit Voltage: 90V + Max welding rod: 4 mm
<b>AC generator - 50Hz</b>	+ Type: Gen Set asynchronous, self-excited and self-protected + Three-phase power (stand-by): 5kVA - 400V + Three-phase power (prime): 4,5kVA - 400V + Single-phase power (max.): 4kVA - 230V + Single-phase power (max.): 1,5kVA - 48V + Power factor: cos φ 0,8
<b>Diesel Engine 3000 rpm</b>	+ Type: Yanmar L100N - 1 cyl. - 435 cm <sup>3</sup> + Max power: 8,8 hp (6,5 kWm) + Starting system: electric (12Vdc) - manual + Cooling system: air + Fuel tank capacity: 5,4 l + Fuel consumption @ 75%: 1,5 l/h
<b>Other features</b>	+ Insulation Class: H + Ambient temperature: 40 °C (*) + Altitude: 1000 m (*) + Mechanical Protection: IP 23 + Dimensions (L x W x H): 950 x 480 x 574 mm + Dry weight: 148 kg

(\*) - For altitude and temperature values higher than those listed above, please consult the manufacturer to verify the available power.

In line with our continued development, innovation and voice of costumer program, we reserve the right to change data without notice.