

# GenSet



## MPM 602 D



**GEN SET S.p.a.**

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## MPM 602 D

ENGINE DRIVEN WELDER/GENERATOR / TWO WELDING UNITS 2 X 300A /  
THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE /  
DIESEL ENGINE 1500 RPM

<b>Gen Set Features</b>	<b>Processes: SMAW (stick)/TIG Lift Arc/Mig/CAG</b> + Two stand-alone 400A DC welding stations: - TIG LIFT ARC welding - CV mode (MIG welding) - Low-High amps switch for a more accurate arc control 30A - 200A / 30A - 400A - Arc Force Control switch - Remote control socket - Weld Voltmeter and Ammeter + DAS, auto engine protection shutdown system with warning lights in case of: battery charger failure, low fuel level, low oil pressure, high oil temperature. + 12 V built-in battery with electric start + Engine hourmeter + Voltmeter + Fuel level gauge + 1 x 32 A 400 V - 50 Hz three-phase EEC socket protected by circuit breaker + 2 x 16 A 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers + 1 x 32A 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Carbon Arc Gouging (CAG) socket + Emergency STOP button + Earth Leakage Circuit Breaker (ELCB) + Spark arrester muffler + Central lifting eye + Fork-lift pockets
<b>Gen Set Options</b> (available as factory options)	+ Version with different voltages + 60Hz version + Built-in polarity reversing switch
<b>Accessories on Request</b>	+ Four-wheels site tow undercarriage (GRT4W) + Two-wheels site tow undercarriage (GRT2W) + Remote control unit with 20m cable and plug + Parallel Welding Box with ammeter and voltmeter (P-BOX) + Welding cables Ø 50 mm <sup>2</sup> (20+15 m) with accessories + Reverse polarity switch kit + MIG wire feeder
<b>Noise Level</b>	+ Lwa 99 (74 dB at 7 m)
<b>DC Welding</b>	+ Duty Cycle @ 35%: 400 A - 36 V + Duty Cycle @ 60%: 350 A - 34 V + Stepless control (CC mode): 30 A - 400 A + Stepless control (CV mode): 10 V - 40 V + Open Circuit Voltage 65 V + Max welding rod 6 mm
<b>Dual Weld Mode</b>	+ Max. Output 300 A + 300 A
<b>AC Generator 50 Hz</b>	+ Type: Gen Set asynchronous self-excited and self-protected + Three-phase power (stand-by): 25 kVA - 400 V + Three-phase power (prime): 22,5 kVA - 400 V + Single-phase power (max.): 9 kVA - 230 V + Power Factor: cos φ 0,8
<b>Diesel Engine 1500 rpm</b>	+ Type: Deutz BF4M 2011 - turbocharged - 4 cyl.- 52 HP (38,2 kWm) - 3110 cm <sup>3</sup> + Fuel: diesel + Cooling system: oil + Starting system: electric + Fuel tank capacity: 70 l + Fuel consumption @ 75%: 9,24 l/h
<b>Other Features</b>	+ Insulation Class: H + Ambient temperature: 40 °C (*) + Altitude: 1000 mt (*) + Mechanical Protection: IP 23 + Dimensions (L x W x H): 2175 x 989 x 1130 + Dry weight: 1134 kg

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