

# GenSet



## MPM 6/230 S-L



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

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**MPM 6/230 S-L**

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS 235 A OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SILENCED MODEL / DIESEL ENGINE 3000 RPM

<b>Gen Set Features</b>	<b>Welding Processes: SMAW (stick) / TIG</b>	
	<ul style="list-style-type: none"> <li>+ DAS, auto engine protection shutdown system with warning lights in case of:               <ul style="list-style-type: none"> <li>- battery charger failure</li> <li>- low oil pressure</li> </ul> </li> <li>+ 12V built-in battery with electric start</li> <li>+ Engine hourmeter</li> <li>+ Voltmeter</li> <li>+ Emergency stop button</li> </ul>	<ul style="list-style-type: none"> <li>+ Earth Leakage Circuit Breaker (ELCB)</li> <li>+ 1x16 A, 400V - 50Hz three-phase EEC socket</li> <li>+ 1x16 A 230V - 50Hz single-phase EEC socket protected by circuit breaker</li> <li>+ 1 x 48 V - 50 Hz single-phase outlet</li> <li>+ Remote control socket</li> <li>+ ARC FORCE CONTROL switch</li> <li>+ Central lifting eye</li> </ul>
<b>Accessories on Request</b>	<ul style="list-style-type: none"> <li>+ Remote control unit with 20 m cable and plug</li> <li>+ Parallel Welding Box with ammeter and voltmeter (P-BOX)</li> <li>+ Welding cables Ø 35 mmq (5+3 m) with accessories</li> <li>+ Reverse polarity switch kit</li> <li>+ Trolley: two-wheels and handles</li> </ul>	
<b>Noise Level</b>	<ul style="list-style-type: none"> <li>+ Lwa 96 (71 dB a 7 m)</li> </ul>	
<b>DC Welding</b>	<ul style="list-style-type: none"> <li>+ Duty Cycle @ 60% 210 A</li> <li>+ Duty Cycle @ 100% 180 A</li> <li>+ Stepless current control 20 A - 235 A</li> <li>+ Open Circuit Voltage 65 V</li> <li>+ Max welding rod 6 mm</li> </ul>	
<b>AC Generator 50 Hz</b>	<ul style="list-style-type: none"> <li>+ Type: Gen Set asynchronous self-excited and self-protected</li> <li>+ Three-phase power: 6 kVA - 400 V</li> <li>+ Single-phase power: 5 kVA - 230 V</li> <li>+ Single-phase power: 2 kVA - 48 V</li> <li>+ Power Factor: <math>\cos \varphi</math> 0,8</li> </ul>	
<b>Diesel Engine 3000 rpm</b>	<ul style="list-style-type: none"> <li>+ Type: Lombardini 15LD 440 - 1 cyl. - 9,25 HP (6,8 kWm) - 442 cm<sup>3</sup></li> <li>+ Fuel: diesel</li> <li>+ Cooling system: air</li> <li>+ Starting system: electric</li> <li>+ Fuel tank capacity: 10,5 l</li> <li>+ Fuel consumption @ 75%: 1,5 l/h</li> </ul>	
<b>Other Features</b>	<ul style="list-style-type: none"> <li>+ Insulation Class: H</li> <li>+ Ambient temperature: 40 °C</li> <li>+ Altitude: 1000 mt</li> <li>+ Mechanical Protection: IP 23</li> <li>+ Dimensions (L x W x H): 880 x 630 x 775 mm</li> <li>+ Dry weight: 185 kg</li> </ul>	

Generator set in designed to operate in ambient temperatures up to 40 °C and 1000 mt altitude - For higher values of temperatures and altitudes please consult factory to check available power.