

GenSet



MPM 5/180 I-D/AE-Y



GEN SET S.p.a.

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MPM 5/180 I-D/AE-Y

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

Gen Set Features	Welding processes: SMAW (stick) + Low oil pressure and battery charger warning lights + 12 V built-in battery with electric start + 1 x 16 A, 400 V - 50 Hz three-phase EEC socket + 1 x 16 A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 48 V - 50 Hz single-phase socket + Earth Leakage Circuit Breaker (ELCB) + Voltmeter	
Gen Set Options (available as factory options)	+ Engine hourmeter + Versions with different voltages + 60 Hz version	
Accessories on Request	+ Trolley: two-wheels and handles + Welding cables Ø 25 mm ² (5+3 m) with accessories	
Noise Level	+ Lwa 99 (74 dB a 7 m)	
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: cos φ 0,8	
Diesel Engine 3000 rpm	+ Type: Yanmar L100 N - 1 cyl. - 8,8 HP (6,47 kWm) - 435 cm ³ + 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 + Ambient temperature: 40 °C + Altitude: 1000 mt + Mechanical Protection: IP 23 + Dimensions (L x W x H): 920 x 460 x 570 mm + Dry weight: 148 kg	

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.