

MPM 16/400 S-Y

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **400 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SOUNDPROOF MODEL / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG Lift Arc / MIG / CAG		
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature - overspeed + Fuel level gauge + 12V built-in battery with electric start + Engine hourmeter - Voltmeter + Emergency STOP button + 1 x 32A, 400 V - 50 Hz three-phase EEC socket + 2 x 32A, 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers 	<ul style="list-style-type: none"> + 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) + Earth Leakage Circuit Breaker (ELCB) + Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30A ÷ 400A) + Remote control socket + Weld Voltmeter and Ammeter + Arc Force Control with changeover switch basic / cellulosic welding rods + LIFT START TIG facility + CC/CV control for MIG welding + Carbon Arc Gouging (CAG) socket + Central lifting eye + Fork-lift pockets 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Built-in polarity reversing switch + Spark arrester muffler + Versions with different voltages + 60 Hz version 		
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote control unit with 20m cable and plug + Welding cables Ø 50 mm² (20+15 m) with accessories + Reverse polarity switch kit + MIG wire feeder 		
Noise Level	+ Lwa 96	(71 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding	+ Duty Cycle @ 60%	400 A - 36 V	+ Stepless control (CV mode) 10 V ÷ 40 V
	+ Duty Cycle @ 100%	350 A - 34 V	+ Open Circuit Voltage 70 V
	+ Stepless control (CC mode)	30 A ÷ 400 A	+ Max welding rod 8 mm
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power 10 kVA - 230 V
	+ Three-phase power	16 kVA - 400 V	+ Single-phase power 5 kVA - 48 V
			+ Power Factor 0,8
Diesel Engine 1500 rpm	+ Type Yanmar 4TNV-88 - 4 cyl. - 24,5 HP (17,6 kWm) - 2190 cm ³		+ Starting system electric
	+ Fuel diesel		+ Fuel tank capacity 56 l
	+ Cooling system water		+ Fuel consumption @ 75% 4,4 l/h
Other Features	+ Insulation Class F		+ Dimensions (L x W x H) 1828 x 683 x 1230 mm
	+ Mechanical Protection IP 23		+ Dry Weight 740 kg

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