

# MASE GENERATORS



## MW 8/300 I-DR/ELG



**mase**  
**GENERATORS**

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**MW 8/300 I-DR/ELG**

ENGINE DRIVEN WELDER / GENERATOR / DELIVERS 300 A OF DC WELD OUTPUT /  
THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE /  
DIESEL ENGINE 3000 RPM

<b>Gen Set Features</b>	<b>Welding processes: SMAW (stick) / TIG</b> + Low oil pressure and battery charger warning lights + 12 V built-in battery with electric start + Engine hourmeter + 1 x 16 A, 400 V - 50 Hz three-phase EEC socket + 1 x 32 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 + Voltmeter + Remote control socket + ARC FORCE CONTROL switch + Central lifting eye
<b>Gen Set Options</b> (available as factory options)	+ LIFT START TIG facility + CC/CV control for MIG welding + Versions with different voltages		
<b>Accessories on Request</b>	+ Trolley: two-wheels and handles + Remote control unit with 20 m cable and plug + Parallel Welding Box with ammeter and voltmeter (P-BOX)		+ Welding cables Ø 35 mm <sup>2</sup> (5+3 m) with accessories + Reverse polarity switch kit + MIG wire feeder
<b>Noise Level</b>	+ Lwa 99 (74 dB a 7 m)		
<b>DC Welding</b>	+ Duty Cycle @ 35% 300 A - 32 V + Duty Cycle @ 60% 250 A - 30 V + Output range 30 A - 300 A + Open Circuit Voltage 70 V + Max welding rod 6 mm		
<b>AC Generator 50 Hz</b>	+ Type: Gen Set asynchronous self-excited and self-protected + Three-phase power: 8 kVA - 400 V		+ Single-phase power: 7 kVA - 230 V + Single-phase power: 5 kVA - 48 V + Power factor: cos φ 0,8
<b>Diesel Engine 3000 rpm</b>	+ Type: Lombardini 12LD 477/2 - 2 cyl. - 17,6 HP (12,9 kWm) - 954 cm <sup>3</sup> + Fuel: diesel + Cooling system: air + Starting system: electric + Fuel tank capacity: 16 l + Fuel consumption @ 75%: 3,2 l/h		
<b>Other Features</b>	+ Insulation Class: F + Ambient temperature: 40 °C + Altitude: 1000 mt + Mechanical Protection: IP 23 + Dimensions (L x W x H): 985 x 470 x 820 mm + Dry weight: 280 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.