

MARTIN POWER
MP 15 B
BASE GENSET



Output Ratings

Prime power - PRP	16 kVA / 12,8 kW
Standby power - ESP	17,4 kVA / 13,9 kW
Current	23 A
Voltage	400 V / 230 V
Frequency	50 Hz
Voltage system	TN-S

Prime power

These ratings are applicable for supplying continuous electrical power. There is no limitation to the hours of operation and this model can supply 10% overload power for 1 hour in 6 hours

Standby power

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. In this rating max 500 hours per year is allowed with maximum continuous work for 300 hours

Basic informations

Engine brand	LOMBARDINI
Engine model	LDW 1003 FOCS
Emmissions limit	Stage II
Speed	3000 min-1
Control panel current	25 A / 25 A / 25 A
AMF1 / AMF5 ,M1 ,P1 / ATS	
Standard fuel tank capacity	70 l

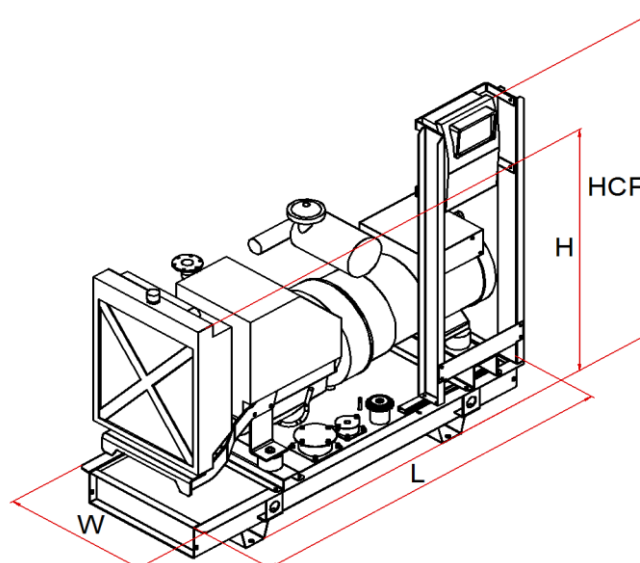
Dimmensions and weights

Length (L)	TBD
Width (W)	TBD
Height (H)	TBD
Height with CP*(HCP)	TBD
Weight without CP*	TBD

* Control panel

Available alternators

Meccalte	ECP3-1L/2
Sincro	FB2 MA
Marelli	-
Weg	-



- TBD - To be defined later
- All pictures are for informational purposes only
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Genset details

Consumption at PRP	4,6 l
Consumption at 75 % of PRP	3,4 l
Consumption at 50 % of PRP	2,3 l
Consumption at 25 % of PRP	1,2 l
Battery voltage	12 V
Battery	45 Ah

Standard scope of supply

Engine	
4 stroke diesel engine	
Engine harness	
Radiator with fan	
Air filter	
Intercooler	
Turbocharger (for turbocharged engines)	
Charging alternator	
Oil cooler	
Oil filter	
Fuel filter	
Fuel supply pump	
Oil draining valve	
Starter	
Alternator	
Self regulation system	
Self excitation system	
Synchronous	
Single bearing	
Protection IP 21	
Automatic voltage regulator	
Brushless	
Flexible connection disk + housing	
Base frame	
Steel base frame	
Flexible antivibration mounting	
Integrated fuel tank	
Fuel level sensor	
Fuel filling cap with ventilation	
Starting accumulator	
Counter flange, sealing, set of connection material	
Initial filling of oil and coolant	
Standard factory load test	
Operation and maintenance manual	

Engine details

Prime power - PRP	15 kW
Standby power - ESP	16,5 kW
Intake	natural
Speed governor	mechanical
Cylinders	3L
Displacement	1,028 dm ³
Air requirements for intake	1,85 m ³ /min
Air requirements for cooling	80 m ³ /min
Max. back pressure at intake	TBD
Thermic power - cooling	TBD
Thermic power - irradiated	TBD
Exhaust gas flow	TBD
Max. back pressure at exhaust	TBD
Max. exhaust temperature	TBD
Performance class	G 2
Specific fuel consumption	260 g/kWh
Engine oil volume	2,4 l
Coolant volume	TBD

Available additions

	MP Manual
	MP Automatic
	MP Parallel
	MP ATS
Control panel	
Canopy	95 LWA (70dB/7m) 90 LWA (65dB/7m)
Container	TBD
Industrial exhaust silencer -20 dB	TBD
Residential exhaust silencer -30dB	TBD

Basic options

Retention bath	
Increased fuel tank	200 l
Increased IP Protection	
Front air output for canopy	
Electronic speed governor	
Homologized chassis for road transport	
Separate storage tank	
Automatic fuel filling device (AFD)	

Lot more options available

Canopy - 95 LWA (70 dB at 7 m)

Side and back doors with lockers

Side and/or back air inlet with jalousies

Top air outlet

Possition of exhaust silencer in canopy

Red (RAL3000) + Black (RAL9005) color of canopy

Length (L) 1825 mm

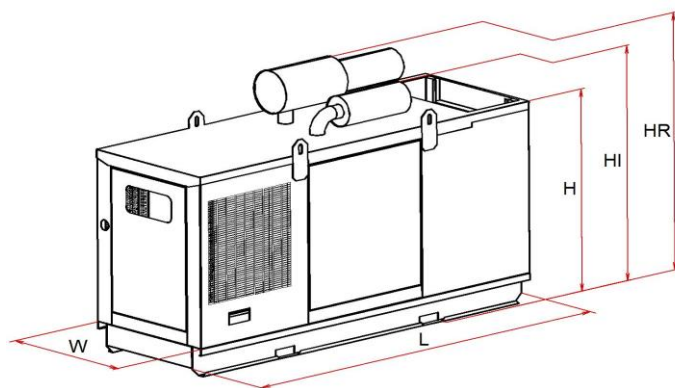
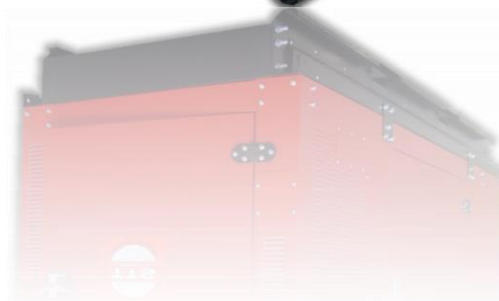
Width (W) 935 mm

Height (H) 1525 mm

Height with industr. silencer (HI) -

Height with resid. silencer(HR) -

Weight without control panel and exhaust silencer TBD



Canopy - 90 LWA (65 dB at 7 m)

Side and back doors with lockers

Side and/or back air inlet with jalousies

Top / side air outlet

Red (RAL3000) + Black (RAL9005) color of canopy

Retention bath

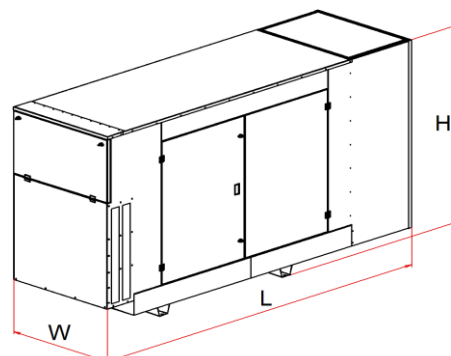
Exhaust silencer inside of canopy

Length (L) TBD

Width (W) TBD

Height (H) TBD

Weight without control panel and exhaust silencer TBD



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