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# MARTIN POWER MP 600 I



### Output ratings

Prime power - PRP	600 kVA / 480 kW
Standby power - ESP	660 kVA / 528 kW
Current	866 A
Voltage	400 V / 230 V
Frequency	50 Hz
Voltage system	TN-C

#### Prime power - PRP

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 - ESP

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. Maximum 500 operating hours per year are allowed with maximum continuous work for 300 hours.

### Basic information

Engine brand	FPT - IVECO
Engine model	CR16 TE1W
Emission limit	-
Speed	1500 min-1
Control panel current AMF5, M1, P1 (AMF1)	1000 A ( - A)
Standard fuel tank capacity	750 l

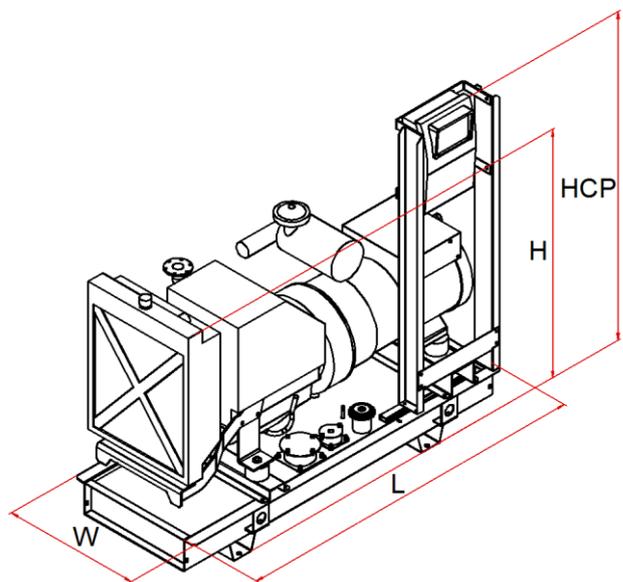
### Available alternators

Mecc Alte	ECO40-1.5L/4
Sincro	SK 355 LS
Marelli	MJB 355 MA 4
WEG	AG10 315 MI15AI

### Dimensions and weights

Length (L)	3445 mm (3694 mm)
Width (W)	1612 mm
Height (H)	2021 mm
Height with CP* (HCP)	2021 mm
Weight without CP*	3463 kg

\* Control panel



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

Consumption @ 100% PRP	117 l
Consumption @ 75 % of PRP	90 l
Consumption @ 50 % of PRP	62 l
Consumption @ 25 % of PRP	35 l
Battery voltage	24 V
Battery	2 x 140 Ah

**Standard scope of supply**

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

**Engine details**

Prime power - PRP	505 kW
Standby power - ESP	557 kW
Intake	turbocharged with intercooler
Speed governor	electronic
Cylinders	6L
Displacement	15,9 dm3
Air requirement for intake	44 m3/min
Air requirement for cooling	500 m3/min
Max. back-pressure at intake	6,5 kPa
Thermal power - cooling	288 kW
Thermal power - radiated	58 kW
Exhaust gas flow	114 m3/min
Max. back-pressure at exhaust	5 kPa
Max. exhaust temperature	557 °C
Performance class	G 3
Specific fuel consumption	191 g/kWh
Engine oil volume	38 l
Coolant volume	52 l

**Available optionals**

Control panel	MP Manual
	MP Automatic
	MP Parallel
	MP ATS
Canopy 95LWA type [LWA / dB(A)]	97 / 72 @ 7 m
Canopy 90LWA type [LWA / dB(A)]	92 / 67 @ 7 m
Container	20'
Industrial exhaust silencer -20 dB	DN 200
Residential exhaust silencer -30 dB	DN 200

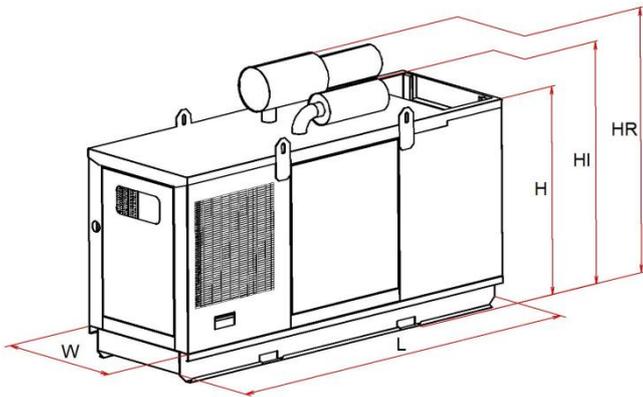
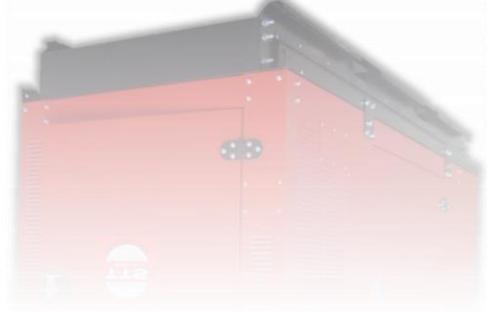
**Basic options**

Retention bath	
Increased fuel tank	2000 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)	

Many more other options available

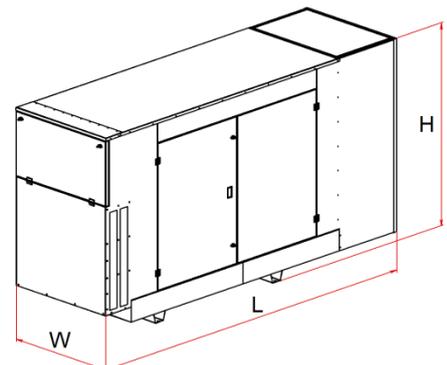
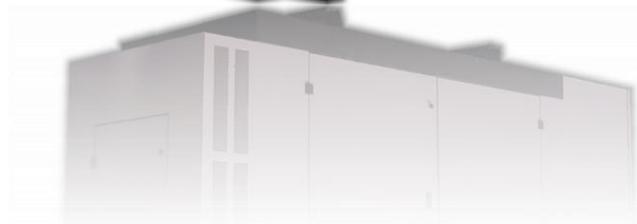
**Canopy - type 95 LWA**

Side and back doors with lockers	
Side and/or back air inlet with jalousies	
Top air outlet	
Position of exhaust silencer	in the canopy
Canopy colour: top RAL 3000 / bottom RAL 9005	
Length (L)	4400 mm
Width (W)	1612 mm
Height (H)	2388 mm
Height with industr. silencer (HI)	-
Height with resid. silencer (HR)	-
Weight without control panel and exhaust silencer	4002 kg



**Canopy - type 90 LWA**

Side and back doors with lockers	
Side and/or back air inlet with jalousies	
Top / side air outlet	
Canopy colour: top RAL 3000 / bottom RAL 9005	
Retention bath	
Exhaust silencer inside of canopy	
Length (L)	4885 mm
Width (W)	1500 mm
Height (H)	2180 mm
Weight without control panel and exhaust silencer	4543 kg



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