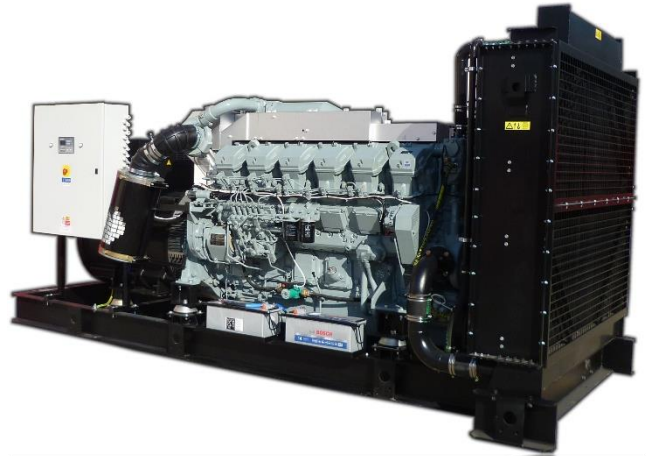




www.tts-martin.sk

MARTIN POWER MP 2500 M



Output ratings

Prime power - PRP	2550 kVA / 2040 kW
Standby power - ESP	2800 kVA / 2240 kW
Current	3680 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	MITSUBISHI
Engine model	S16R2-PTAW2-E
Emission limit	-
Speed	1500 min-1
Control panel current AMF5, M1, P1 (AMF1)	4000 A (- A)
Standard fuel tank capacity	1200 l

Dimensions and weights

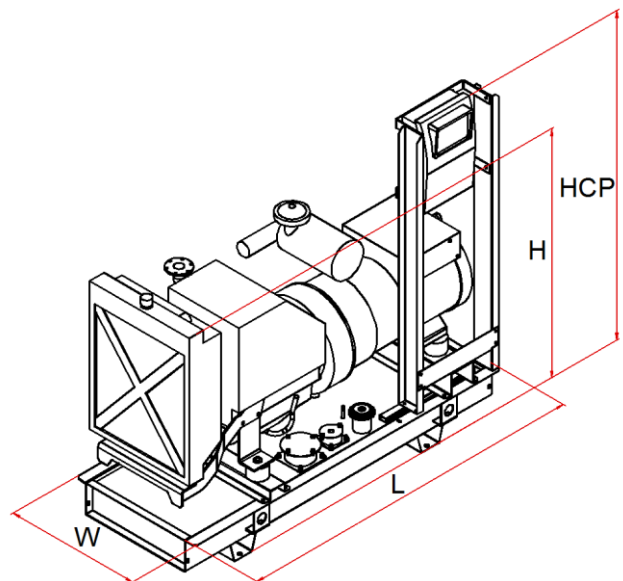
Length (L)	6400 mm
Width (W)	2500 mm
Height (H)	3500 mm
Height with CP* (HCP)	
Weight without CP*	15750 kg
* Control panel	

Available alternators

Mecc Alte	ECO46-2L/4
Sincro	SK 500 MD
Marelli	MJB 500 LA 4
WEG	-



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

Consumption @ 100% PRP	533 l
Consumption @ 75 % of PRP	400 l
Consumption @ 50 % of PRP	268 l
Consumption @ 25 % of PRP	166 l
Battery voltage	24 V
Battery	4 x 170 Ah

Standard scope of supply

Engine	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
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 coonection material	
Initial filling of oil and coolant	
Standard factory load test	
Operation and maintenance manual	

Engine details

Prime power - PRP	2109 kW
Standby power - ESP	2330 kW
Intake	turbocharged with intercooler
Speed governor	electronic
Cylinders	16V
Displacement	79,9 dm3
Air requirement for intake	191 m3/min
Air requirement for cooling	3300 m3/min
Max. back-pressure at intake	4 kPa
Thermal power - cooling	1714 kW
Thermal power - radiated	233 kW
Exhaust gas flow	506 m3/min
Max. back-pressure at exhaust	6 kPa
Max. exhaust temperature	550°C
Performance class	G 3
Specific fuel consumption	204 g/kWh
Engine oil volume	290 l
Coolant volume	

Available optionals

Control panel	MP Manual
	MP Automatic
	MP Parallel
	MP ATS
Canopy 95LWA type [LWA / dB(A)]	100 / 75 @ 7 m
Canopy 90LWA type [LWA / dB(A)]	-
Container	40'
Industrial exhaust silencer -20 dB	DN 400
Residential exhaust silencer -30 dB	DN 400

Basic options

Retention bath	
Increased fuel tank	3000 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	EN
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Canopy colour: top RAL 3000 / bottom RAL 9005

Length (L)	8804 mm
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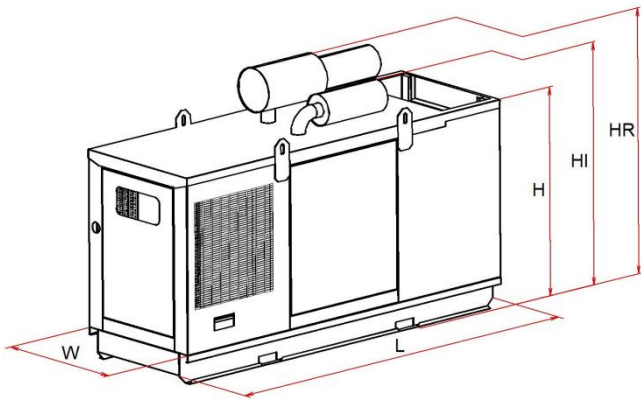
Width (W)	3064 mm
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Height (H)	3705 mm
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Height with industr. silencer (HI)	4505 mm
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Height with resid. silencer (HR)	4755 mm
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Weight without control panel and exhaust silencer	17 732 kg
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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

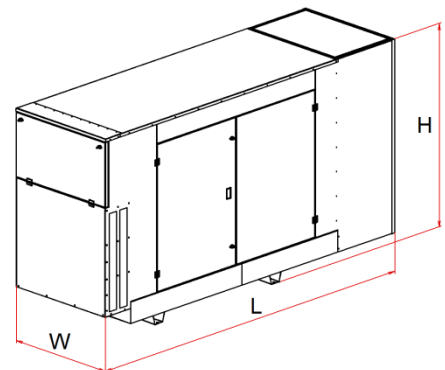
Exhaust silencer inside of canopy

Length (L)	-
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Width (W)	-
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Height (H)	-
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Weight without control panel and exhaust silencer	-
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