

OUTPUT RATINGS   50 Hz / 400 V   60 Hz / 480 V		
Stand By Power	450	TBA
	360	TBA
Prime Power	410	TBA
	328	TBA

ENGINE TECHNICAL DATA	
Engine Model	Volvo TAD1344GE
Number of Cylinders	6 / Inline
Cycle	4 Stroke
Bore / Stroke [mm] :	131 / 158
Induction :	Turbocharged
Cooling Method :	Water
Governor Type :	Electronical
Compression Ratio :	18.1:1
Displacement [lt] :	12,78
Electrical Sys. Voltage	12 / Negative
Battery Charger Amps	80A

ALTERNATOR DATA	
Manufacturer	Maranello
Model	M450
No. of Bearings :	Single
Insulation Class:	H
Winding Pitch :	2/3
Number of Wire :	12
Protection Class :	IP23
Efficiency:	93,8%
Voltage Regulation (Steady State) :	1,0%
Total Harmonic Content:	4,0%
Apparent Power (kVA)	450
Radiant Heat [Kw]:	50Hz
	60 Hz

Dimension (WxHxL)	
CONOPIED	1300x1980x4260
OPEN SET	1300x1730x3250

WEIGHT (KG)	
CONOPIED	4622
OPEN SET	3022

FUEL TANK (LT)	
CONOPIED	500
OPEN SET	500

### AVAILABLE OPTIONS

AYPOWER offers a range of optional features to tailor our gensets to meet your power requirements.

Options:

- \* A wide range of Sound Attenuated Enclosures
- \* A variety of generating set control and synchronising panels
- \* Additional alarms and shutdowns
- \* A selection of exhaust silencer noise levels

For further information on all of the standard and optional features for this product, please contact AYPOWER or visit [www.aypowergenerator.com](http://www.aypowergenerator.com)

**Prime Rating:** These ratings are applicable for supplying continuous electrical power (at variable load) of commercially purchased power. There is no limitation to the annual hours of operation, this model can supply 10% overload power 1 hour in each 12 hours.

**Standby Rating:** These ratings are applicable for supplying continuous electrical power (at variable load) in the event of an utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528)

Standard Reference Conditions: Standart reference conditions 25°C Air Inlet Temp. 100m, 30% relative humidity.

