

OUTPUT RATINGS   50 Hz / 400 V   60 Hz / 480 V		
Stand By Power	1506	
	1204	
Prime Power	1650	
	1320	

ENGINE TECHNICAL DATA		
Engine Model	Perkins 4012-46TAG2A	
Number of Cylinders	12 / V	
Cycle	4 Stroke	
Bore / Stroke [mm] :	160 / 190	
Induction :	Turbocharged CAC	
Cooling Method :	Water	
Governor Type :	Mechanical	
Compression Ratio :	13,0:1	
Displacement [lt] :	45.8	
Electrical Sys. Voltage	24 / Negative	
Battery Charger Amps	40	

ALTERNATOR DATA		
Manufacturer	Maranello	
Model	M1670	
No. of Bearings :	Single	
Insulation Class:	H	
Winding Pitch :	2/3	
Number of Wire :	6	
Protection Class :	IP23	
Efficiency:	95,4%	
Voltage Regulation (Steady State) :	1%	
Total Harmonic Content:	3%	
Apparent Power (kVA)	1660	
Radiant Heat [Kw]:	50 Hz	
	60 Hz	

**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.

Dimension (WxHxL)	
CONOPIED	
OPEN SET	

WEIGHT (KG)	
CONOPIED	
OPEN SET	

FUEL TANK (LT)	
CONOPIED	
OPEN SET	

## 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)

