

| OUTPUT RATINGS   50 Hz / 400 V   60 Hz / 480 V |    |     |
|--|----|-----|
| Stand By Power                                 | 50 | TBA |
|  | 40 | TBA |
| Prime Power                                    | 45 | TBA |
|  | 36 | TBA |

| ENGINE TECHNICAL DATA   |                     |
|-------------------------|---------------------|
| Engine Model            | Ricardo - R4100ZD   |
| Number of Cylinders     | 4 / Inline          |
| Cycle                   | 4 Stroke            |
| Bore / Stroke [mm] :    | 100 / 125           |
| Induction :             | Naturally Aspirated |
| Cooling Method :        | Water               |
| Governor Type :         | Mechanical          |
| Compression Ratio :     | 17:1                |
| Displacement [lt] :     | 3,93                |
| Electrical Sys. Voltage | 12 / Negatif        |
| Battery Charger Amps    |                     |

| ALTERNATOR DATA                     |           |
|-------------------------------------|-----------|
| Manufacturer                        | Maranello |
| Model                               | M50       |
| 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:             | 3,0%      |
| Apparent Power (kVA)                | 10        |
| Radiant Heat [Kw]:                  | 50 Hz     |
|                                     | 60 Hz     |

| Dimension (WxHxL) |               |
|-------------------|---------------|
| CONOPIED          | 2250x950x1600 |
| OPEN SET          | 1700x950x1450 |

| WEIGHT (KG) |     |
|-------------|-----|
| CONOPIED    | 850 |
| OPEN SET    | 650 |

| FUEL TANK (LT) |    |
|----------------|----|
| CONOPIED       | 90 |
| OPEN SET       | 90 |

## 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.

