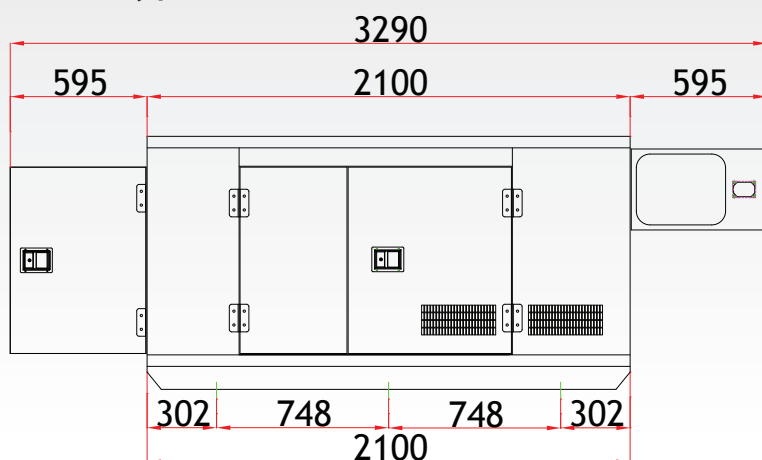
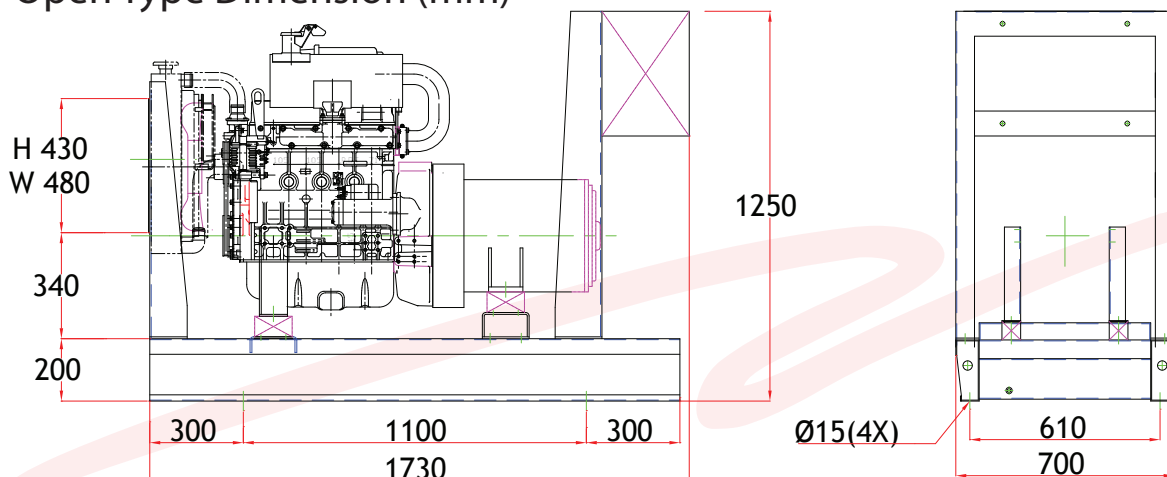




## Silent Type Dimension (mm)



## Open Type Dimension (mm)



## Genset & Engine Specification

| AC Generator Model                     |                                        |          |         | YTG40TLV |
|----------------------------------------|----------------------------------------|----------|---------|----------|
| Output rating (kVA)                    | 50 Hz                                  | 380V     | Prime   | 33.0     |
|                                        |                                        |          | Standby | 35.0     |
|                                        | 60 Hz                                  | 440V     | Prime   | 38.0     |
|                                        |                                        |          | Standby | 43.0     |
| Rated current ( A )                    | 50 Hz                                  | Prime    |         | 50.1     |
|                                        |                                        | Standby  |         | 53.2     |
|                                        | 60 Hz                                  | Prime    |         | 49.9     |
|                                        |                                        | Standby  |         | 56.4     |
| Rated frequency / rated speed          | 50 Hz                                  | 1500 RPM |         |          |
|                                        | 60 Hz                                  | 1800 RPM |         |          |
| No. of poles                           | 4 poles                                |          |         |          |
| Phase and wire                         | 3-phase / 4 wires                      |          |         |          |
| Power factor                           | 0.8 (lagging)                          |          |         |          |
| Voltage regulation                     | Within +/- 1.5 %                       |          |         |          |
| Excitation                             | Brushless, Rotating Exciter (with AVR) |          |         |          |
| Insulation                             | Class 'F'                              |          |         |          |
| Approx dry weight (silent)             | kg                                     |          | 914     |          |
| Sound Level dBA from 1 meter / 7 meter | dBA                                    |          | 76 / 66 |          |
| Approx dry weight (open)               | kg                                     |          | 778     |          |

| Engine Model                           |                    | 4TNV98                                |
|----------------------------------------|--------------------|---------------------------------------|
| Type of combustion chamber             |                    | Direct Injected                       |
| Air intake system                      |                    | Natural Aspiration                    |
| Output rating (kW)                     | 1500 RPM ( 50 Hz ) | 30.7                                  |
|                                        | 1800 RPM ( 60 Hz ) | 36.4                                  |
| Rated speed ( 50/60 Hz, rpm )          |                    | 1500 / 1800                           |
| Bore (mm) x stroke (mm)                |                    | 98 x 110                              |
| Piston displacement (cm <sup>3</sup> ) |                    | 3319                                  |
| No. of cylinders                       |                    | 4                                     |
| Fuel                                   |                    | Diesel Fuel ASTM 2D                   |
| Fuel consumption (L/hr) at 100% load   | 50 Hz              | 8.95                                  |
|                                        | 60 Hz              | 9.8                                   |
| Lubricating oil capacity (L)           |                    | 10.5                                  |
| Coolant capacity (L)                   |                    | 4.2                                   |
| Fuel tank capacity (L)                 | sound proof        | 95                                    |
|                                        | open skid          | 85                                    |
| Starting motor (v-kW)                  |                    | 12 - 2.3                              |
| Charging generator (V-A)               |                    | 12 - 40                               |
| Battery capacity (V-Ah)                |                    | 12 - 65 x 1                           |
| Starting system                        |                    | Electric Starting Motor               |
| Cooling system                         |                    | Radiator with fan                     |
| Lubricating system                     |                    | Forced lubrication with trochoid pump |

POWERED BY :

