

## FEATURES

|                                         |
|-----------------------------------------|
| VOLVO DIESEL ENGINE                     |
| 110% BUNDED SKID BASE WITH FORK POCKETS |
| LIFTING LUGS                            |
| IP23 STAMFORD UCI 274C1 ALTERNATOR      |
| 50 DEGREE RADIATOR                      |
| ABB 4 POLE MANUAL CIRCUIT BREAKER       |
| IG200 CONTROL PANEL                     |
| ABB RD2 ADJUSTABLE RCD                  |
| BATTERY AND STARTER ISOLATOR            |
| LOCKABLE ACCESS DOORS                   |
| 1 X 32A OUTLET, 2 X 15A OUTLET          |
| 2.5MM STEEL HEAVY DUTY CANOPY           |

## GENERATOR RATINGS

|                                   |             |
|-----------------------------------|-------------|
| VOLTAGE                           | 240/415     |
| FREQUENCY                         | 50          |
| PHASE                             | 3           |
| POWER FACTOR                      | 0.8         |
| STANDBY AMPS                      | 153A        |
| STANDBY RATINGS (KW/KVA)          | 88kW/110kVA |
| PRIME RATINGS (KW/KVA)            | 80kW/100kVA |
| CONTINUOUS POWER RATINGS (KW/KVA) | 62kW/78kVA  |

## COMPLIANCE

AS3000, AS3008, AS3012, AS3017, AS3010, ISO3046

**PRIME POWER (PRP):** The total operating time at 100% Prime Power shall not exceed 500 hours per year. A 10% overload capability is available for a period of 1 hour within a 12 hour period of operation. Total operating time at the 10% overload power shall not exceed 25 hours per year.

**STANDBY POWER RATING (ESP):** Applicable for supplying emergency power for 1 hour from genset starting. No overload capability is available for this rating. Under no condition is an engine allowed to operate in parallel with the public utility at the standby Power rating.

**CONTINUOUS POWER RATING (COP):** Applicable for supplying utility power at a constant 100% load for an unlimited number of hours per year. No overload capability is available for this rating.



## SOUND

|             |            |
|-------------|------------|
| NOISE LEVEL | 74dBA @ 7M |
|-------------|------------|

## GENERATOR DATA

|                      |                                    |
|----------------------|------------------------------------|
| ENGINE               | VOLVO TAD531GE                     |
| ALTERNATOR           | STAMFORD UCI 274C1                 |
| AIR INTAKE SYSTEM    | Turbocharged & Air-Air Cooled      |
| FUEL SYSTEM          | Mech. Unit Pumps, Direct Inj.      |
| CYLINDER ARRANGEMENT | In-Line 4                          |
| DISPLACEMENT         | 4.8L                               |
| GOVERNOR TYPE        | Electronically controlled actuator |
| RATED RPM            | 1500                               |

## DIMENSIONS

|            |         |
|------------|---------|
| LENGTH     | 2,460MM |
| WIDTH      | 1,000MM |
| HEIGHT     | 1,733MM |
| DRY WEIGHT | 1,900KG |

## FUEL SYSTEM

|                    |            |
|--------------------|------------|
| FUEL TANK CAPACITY | 450L       |
| 100% PRIME LOAD    | 22.80 L/HR |
| 75% PRIME LOAD     | 17.80 L/HR |
| 50% PRIME LOAD     | 12.60 L/HR |