

|                              |                        |                     |                  |
|------------------------------|------------------------|---------------------|------------------|
| Perkins<br>4012-46TAG2A (FO) | CGT Stamford<br>PI 734 | Generator<br>Model: | <b>G1650SPE5</b> |
|------------------------------|------------------------|---------------------|------------------|

|       |         |                                  |                            |
|-------|---------|----------------------------------|----------------------------|
| 50 Hz | 3-Phase | Power Factor<br>Cos $\Phi$ = 0.8 | Emissions<br>Non-Certified |
|-------|---------|----------------------------------|----------------------------|

| RATINGS | PRIME POWER (PRP) |      | STANDBY POWER (ESP) |      |      |
|---------|-------------------|------|---------------------|------|------|
|         | <b>G1650SPE5</b>  |      |                     |      |      |
| Voltage | kVA               | kWe  | kVA                 | kWe  | Amps |
| 415/240 | <b>1500</b>       | 1200 | 1650                | 1320 | 2295 |
| 400/230 | <b>1500</b>       | 1200 | 1650                | 1320 | 2382 |
| 380/220 | <b>1500</b>       | 1200 | 1650                | 1320 | 2507 |

**Definition of Ratings & Reference Conditions**


**Prime Power (PRP)** is the nominal output continuously available, where the average load (variable) does not exceed 80% of the prime power rating. 10% overload is available for a maximum of 1 hour in 12 hours of operation.

**Standby Power (ESP)** the maximum output available (at variable load), for up to 500 hours per year. The average load (variable) must not exceed 80% of the standby power rating. No overload is available. The genset must not operate, at standby rating, in parallel with the public utility under any circumstances.

**Standard Reference Conditions:** air inlet temperature 25°C (77°F), barometric pressure 100kPa [110m (361ft) altitude] and 30% relative humidity.

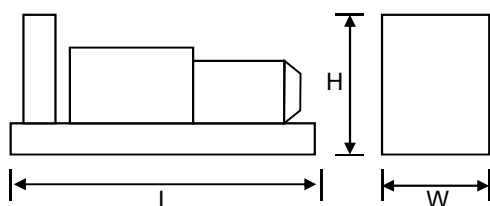
**Note:** The above ratings may be subject to derate at different operating conditions. Please see the Derate Guidelines on the Broadcrown website.

All power ratings and reference conditions in accordance with ISO 8528-1 and ISO 3046-1.



**Key Features:**

- Efficient water cooled diesel engine.
- Single bearing CGT Stamford alternator
- Radiator with pressure cap and drain point
- Fully guarded engine-driven fan
- Fully welded steel baseframe with lifting / jacking points
- Various fuel system options
- Heavy duty rubber anti-vibration mountings
- 24V starter batteries and connecting cables
- Separate engine-driven battery charging alternator
- Spin on oil and fuel filters and dry type air filter element
- Auto Start control system with digital instrumentation
- Factory Test Certificate
- Operation & Maintenance Manual
- Wide range of optional extra features available



| Overall Dimensions & Weights - Open Set |
|---|
| Length (L) = 5481mm                     |
| Width (W) = 1802mm                      |
| Height (H) = 2538mm                     |
| Dry Weight (inc oil) = 9097kg           |
| Operating Weight = 9995kg               |

|             | Typical Open Generator Sound Pressure Level at 1m, Free Field (dB) |        |        |        |         |         |         |         |
|-------------|--|--------|--------|--------|---------|---------|---------|---------|
| Overall dBA | 63 Hz  | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz |
| 115         | 100  | 105    | 107    | 107    | 108     | 108     | 107     | 110     |