



## GEN275CT

275 KVA

Diesel Generator

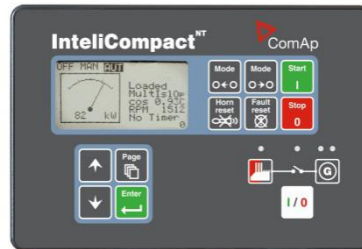
3 Phase 415V

| MODEL                                     | GEN275CT                               |                    |
|---|--|--------------------|
| BRAND                                     | Blue Diamond                           |                    |
| ALTERNATOR                                | STAMFORD UCDI274K                      |                    |
| FREQUENCY                                 | (Hz)                                   | 50                 |
| OUTPUT RATING                             | Continuous (KVA)                       | 250                |
|   | Standby (KVA)                          | 275                |
| NO.OF PHASE                               | 3 Phase, 4 Wire                        |                    |
| RATED VOLTAGE                             | V                                      | 240 / 415          |
| POWER FACTOR                              | 0.8 (Lagging)                          |                    |
| VOLTAGE REGULATION                        | %                                      | +1                 |
| EXCITATION                                | Self Exciting                          |                    |
| INSULATION                                | Class H                                |                    |
| <b>ENGINE</b>                             |  |                    |
| MAKE & MODEL                              | Cummins 6LTA8.9-G2                     |                    |
| TYPE                                      | Water Cooled, Turbo/Intercooler Engine |                    |
| OUTPUT RATING                             | PS/Rpm                                 | 308/1500           |
|   | kW/min                                 | 230/1500           |
| BORE x STROKE                             | mm                                     | 114x145mm          |
| POSITION DISPLACEMENT                     | L                                      | 8.9                |
| FUEL TYPE                                 | DIESEL ASTM NO.2                       |                    |
| FUEL CONSUMPTION (Based on 75% Full load) | L/h                                    | 41                 |
| LUB OIL PUMP CAPACITY                     | L                                      | 27.6               |
| COOLANT CAPACITY                          | L                                      | 11.1 (engine only) |
| BATTERY x QUANTITY                        | 2x 80AH                                |                    |
| FUEL TANK CAPACITY                        | L                                      | 1780               |
| <b>UNIT</b>                               |  |                    |
| DIMENSIONS                                | Length (mm)                            | 3700               |
|   | Width (mm)                             | 1300               |
|   | Height (mm)                            | 2150               |
| DRY WEIGHT                                | Kg                                     | 3660               |
| SOUND LEVEL                               | 7m dB (A)                              | 68                 |

### Features

- 50°C temperature rating
- Enclosed Silenced Canopy
- Powder coated finish
- Fork Points and centre lifting lug
- ABB Breakers
- 110% double banded base
- Emergency E stop
- Australian Compliant Wiring and M.E.N link
- Remote Start and ATS feature
- Site safe lockable canopy
- Pricing includes commissioning and pre delivery run in

### Control Systems



The European IntelliGen ComAp Controller is an easy to use multi-generator loadshare system, designed to synchronise up to 32 generators. The IntelliGen ComAp Controller monitors the generator and indicates operational status and fault conditions, automatically starting or stopping the engine on load demand or fault condition. System alarms are displayed on the LCD screen (multiple language options are available), illuminated LED and audible sounder

### Quality Standards

Our generator sets are compliant with all Australian Standards such as ISO8528, ISO14000, GB755, BS5000, VDE0530, ISO3046, IEC34-1, AS3000.

### Warranty Policy

12 month, 1,000 hours

