



BRAND Blue Diamond  ALTERNATOR FREQUENCY OUTPUT RATING  NO.OF PHASE RATED VOLTAGE REGULATION EXCITATION EXCITATION  BOTH  MAKE & MODEL TYPE OUTPUT RATING  BUE Diamond  Continuous (KVA)  Standby (KVA)
ALTERNATOR   STAMFORD UCDI274K
FREQUENCY         (Hz)         50           OUTPUT RATING         Continuous (KVA)         250           NO.OF PHASE         3 Phase, 4 Wire           RATED VOLTAGE         V         240 / 415           POWER FACTOR         0.8 (Lagging)           VOLTAGE         %         +-1           REGULATION         Self Exciting           INSULATION         Class H           ENGINE         Water Cooled, Turbo/Intercooler Engine           OUTPUT RATING         PS/Rpm         308/1500           RW/min         230/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         L         41           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP CAPACITY         L         27.6           CAPACITY COOLANT CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY TO TABLE
OUTPUT RATING         Continuous (KVA)         250           NO.OF PHASE         3 Phase, 4 Wire           RATED VOLTAGE         V         240 / 415           POWER FACTOR         0.8 (Lagging)           VOLTAGE         %         +-1           REGULATION         Self Exciting           INSULATION         Class H           ENGINE         Water Cooled, Turbo/Intercooler Engine           OUTPUT RATING         PS/Rpm         308/1500           RW/min         230/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         L         41           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP CAPACITY         L         27.6           CAPACITY COOLANT CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY         2x 80AH           FUEL TANK CAPACITY         L         1780
OUTPUT RATING         (KVA)         255           NO.OF PHASE         3 Phase, 4 Wire           RATED VOLTAGE         V         240 / 415           POWER FACTOR         0.8 (Lagging)           VOLTAGE         %         +-1           REGULATION         Self Exciting           INSULATION         Class H           ENGINE         Water Cooled, Turbo/Intercooler Engine           OUTPUT RATING         PS/Rpm         308/1500           RW/min         230/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         TUEL TYPE         DIESEL ASTM NO.2           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP CAPACITY         L         27.6           CAPACITY COOLANT CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY PUEL TANK CAPACITY         L         1780
OUTPUT RATING  (KVA)  Standby (KVA)  275  NO.OF PHASE  RATED VOLTAGE  POWER FACTOR  VOLTAGE  REGULATION  EXCITATION  INSULATION  ENGINE  MAKE & MODEL  TYPE  OUTPUT RATING  BORE x STROKE  POSITION  DISPLACEMENT  FUEL TYPE  FUEL CONSUMPTION  (Based on 75% Full load)  LUB OIL PUMP  CAPACITY  COOLANT CAPACITY  BATTERY x QUANTITY  FUEL TANK CAPACITY  EXAMPTED  V 240 / 415  240 / 415  240 / 415  240 / 415  240 / 415  240 / 415  240 / 415  240 / 415  241 / 41  255  REGULATION  Class H  Cummins 6LTAA8.9-G2  Cummins 6LTAA8.9-G2  Exciting  Cummins 6LTAA8.9-G2  Exciting  Cummins 6LTAA8.9-G2  Exciting  Which  FUEL Cooled, Turbo/Intercooler Engine  AND 114x145mm  AND 114x145mm  DISPLACEMENT  FUEL ASTM NO.2  FUEL CONSUMPTION  CAPACITY  COOLANT CAPACITY  L  11.1 (engine only)  BATTERY x QUANTITY  EXEMPLY 1780
NO.OF PHASE   3 Phase, 4 Wire
RATED VOLTAGE   V   240 / 415
POWER FACTOR         0.8 (Lagging)           VOLTAGE         %         +-1           REGULATION         Self Exciting           INSULATION         Class H           ENGINE           MAKE & MODEL         Cummins 6LTAA8.9-G2           TYPE         Water Cooled, Turbo/Intercooler Engine           OUTPUT RATING         PS/Rpm         308/1500           kW/min         230/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         DIESEL ASTM NO.2           FUEL TYPE         DIESEL ASTM NO.2           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP CAPACITY         L         27.6           CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY         2x 80AH           FUEL TANK CAPACITY         L         1780
VOLTAGE REGULATION         %         +-1           REGULATION         Self Exciting           INSULATION         Class H           ENGINE           MAKE & MODEL         Cummins 6LTAA8.9-G2           TYPE         Water Cooled, Turbo/Intercooler Engine           OUTPUT RATING         PS/Rpm         308/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         DIESEL ASTM NO.2           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           TSW Full load)         L         27.6           CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY         2x 80AH           FUEL TANK CAPACITY         L         1780
REGULATION         Self Exciting           INSULATION         Class H           ENGINE           MAKE & MODEL         Cummins 6LTAA8.9-G2           TYPE         Water Cooled, Turbo/Intercooler Engine           OUTPUT RATING         PS/Rpm         308/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         DIESEL ASTM NO.2           FUEL TYPE         DIESEL ASTM NO.2           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP L         27.6         27.6           CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY         2x 80AH           FUEL TANK CAPACITY         L         1780
Self Exciting
INSULATION  ENGINE  MAKE & MODEL  TYPE  OUTPUT RATING  BORE x STROKE  POSITION  DISPLACEMENT  FUEL TYPE  FUEL CONSUMPTION (Based on 75% Full load)  LUB OIL PUMP  CAPACITY  COOLANT CAPACITY  BATTERY x QUANTITY  FUEL TANK CAPACITY  FUEL TANK CAPACITY  CUmmins 6LTAA8.9-G2  Water Cooled, Turbo/Intercooler Engine  308/1500  kW/min  230/1500  kW/min  230/1500  8.9  DIESEL ASTM NO.2  L/h  41  41  27.6  CAPACITY  COOLANT CAPACITY  L  11.1 (engine only)  BATTERY x QUANTITY  2x 80AH  FUEL TANK CAPACITY  L  1780
ENGINE           MAKE & MODEL         Cummins 6LTAA8.9-G2           TYPE         Water Cooled, Turbo/Intercooler Engine           OUTPUT RATING         PS/Rpm         308/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         DIESEL ASTM NO.2           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP L
MAKE & MODEL         Cummins 6LTAA8.9-G2           TYPE         Water Cooled, Turbo/Intercooler Engine           OUTPUT RATING         PS/Rpm         308/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         DIESEL ASTM NO.2           FUEL TYPE         DIESEL ASTM NO.2           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP LUB OIL PUMP LUB OIL PUMP CAPACITY         L         27.6           COOLANT CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY         2x 80AH           FUEL TANK CAPACITY         L         1780
TYPE         Water Cooled, Turbo/Intercooler Engine           OUTPUT RATING         PS/Rpm         308/1500           kW/min         230/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         DIESEL ASTM NO.2           FUEL TYPE         DIESEL ASTM NO.2           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP CAPACITY         L         27.6           CAPACITY COOLANT CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY FUEL TANK CAPACITY         L         1780
OUTPUT RATING         PS/Rpm         308/1500           kW/min         230/1500           BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         DIESEL ASTM NO.2           FUEL TYPE         DIESEL ASTM NO.2           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP LUB OIL PUMP CAPACITY         L         27.6           CAPACITY COOLANT CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY PUEL TANK CAPACITY         L         1780
Name
BORE x STROKE         mm         114x145mm           POSITION         L         8.9           DISPLACEMENT         DIESEL ASTM NO.2           FUEL TYPE         DIESEL ASTM NO.2           FUEL CONSUMPTION (Based on 75% Full load)         L/h         41           LUB OIL PUMP LUB OIL PUMP CAPACITY         L         27.6           CAPACITY COOLANT CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY PUEL TANK CAPACITY         L         1780
POSITION DISPLACEMENT  FUEL TYPE  FUEL CONSUMPTION (Based on 75% Full load)  LUB OIL PUMP CAPACITY COOLANT CAPACITY  BATTERY x QUANTITY FUEL TANK CAPACITY  L  8.9  DIESEL ASTM NO.2  L/h 41  41  27.6  11.1 (engine only)
DISPLACEMENT  FUEL TYPE  DIESEL ASTM NO.2  FUEL CONSUMPTION (Based on 75% Full load)  LUB OIL PUMP  CAPACITY  COOLANT CAPACITY  BATTERY x QUANTITY  FUEL TANK CAPACITY  L  DIESEL ASTM NO.2  41  41  41  27.6  11.1 (engine only)  2x 80AH  FUEL TANK CAPACITY  L  1780
FUEL TYPE DIESEL ASTM NO.2  FUEL CONSUMPTION (Based on 75% Full load)  LUB OIL PUMP L 27.6  CAPACITY L 11.1 (engine only)  BATTERY x QUANTITY 2x 80AH  FUEL TANK CAPACITY L 1780
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
(Based on 75% Full load)  LUB OIL PUMP CAPACITY COOLANT CAPACITY  BATTERY x QUANTITY FUEL TANK CAPACITY  L/h  41  42  41  41  41  41  41  41  41  41
(Based on 75% Full load)         27.6           LUB OIL PUMP CAPACITY         L         27.6           COOLANT CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY         2x 80AH           FUEL TANK CAPACITY         L         1780
LUB OIL PUMP CAPACITY COOLANT CAPACITY  BATTERY × QUANTITY FUEL TANK CAPACITY  L 27.6  11.1 (engine only)  2x 80AH  1780
CAPACITY         L         11.1 (engine only)           COOLANT CAPACITY         L         11.1 (engine only)           BATTERY x QUANTITY         2x 80AH           FUEL TANK CAPACITY         L         1780
COOLANT CAPACITY L 11.1 (engine only)  BATTERY x QUANTITY 2x 80AH  FUEL TANK CAPACITY L 1780
BATTERY x QUANTITY 2x 80AH FUEL TANK CAPACITY L 1780
FUEL TANK CAPACITY L 1780
UNIT
DIMENSIONS Length (mm) 3700
Width (mm) 1300
Height (mm) 2150
DRY WEIGHT Kg 3660
SOUND LEVEL 7m dB (A) 68

## GEN275CT

275 KVA Diesel Generator 3 Phase 415V

#### **Features**

- 50°C temperature rating
- Enclosed Silenced Canopy
- Powder coated finish
- Fork Points and centre lifting lug
- ABB Breakers
- 110% double bunded 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 InteliGen ComAp Controller is an easy to use multi-generator loadshare system, designed to synchronise up to 32 generators. The InteliGen 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





