

# TOKAI®

M a d e T o L a s t

## SERIES DIESEL GENERATOR

- Low Emission • Low Vibration • Low Noise • High Efficiency • High Reliability
- Easy Maintenance • Easy Installation
- Earth Friendly • Life Cycle Value - Safe & Economical Operation

“Powered by CUMMINS Engine”

### TKCGF4-100KVA



Panel



Stock Code : 880305034



### INSTRUMENT PANEL FEATURES

- Voltage Meter
- Current Meter
- Frequency Meter
- Water Temperature Meter / Lamp
- Oil Pressure Meter / Lamp
- Voltage Selector Switch
- Current Selector Switch
- Low Battery Lamp
- Amp Meter
- Fuel Meter
- Main Switch

\*\*\* Product's specification may subject to change without further notice.  
\*\*\* Actual product may slightly differ from pictures shown.

ESM420-i  
(15/03/18)



## SPECIFICATIONS

### • Performance Data

|                     |               |
|---------------------|---------------|
| Model               | TKCGF4-100KVA |
| Rated Prime Power   | 100 KVA       |
| Rated Standby Power | 110 KVA       |
| Rated Current       | 144 A         |
| Rated Voltage       | 240 / 415V    |
| Rated Frequency     | 50 Hz         |
| Sound Level         | 75 (dB)       |

### • Engine

|                    |                                       |
|--------------------|---------------------------------------|
| Make               | Cummins                               |
| Model              | 6BT5.9-G2                             |
| Type               | Vertical 4-cycle liquid Cooled Diesel |
| Rated Power        | 100 kW                                |
| Number of Cylinder | 6                                     |
| Bore x Stroke      | 102 x 120 mm                          |
| Cooling System     | Radiator Cooling                      |
| Displacement       | 5.9L                                  |
| Fuel Consumption   | 22 L/Hours                            |
| Fuel Tank Capacity | 200 L                                 |
| Starting System    | Electric 12V DC                       |

### • Alternator

|            |  |
|------------|--|
| Make       | Stamford Type                          |
| Model      | UCI274C                                |
| Excitation | Brushless, Rotating Exciter (With AVR) |
| Insulation | IP22                                   |

### • Unit Dimensions

|            |         |
|------------|---------|
| Length     | 2920 mm |
| Width      | 1080 mm |
| Height     | 1650 mm |
| Dry Weight | 1780 kg |

## QUALITY STANDARDS

- Our diesel generating sets meet the following standards :  
GB /T2820, GB1105, YD / T502, ISO3046, ISO8525, ISO8525-3-5-6.

## FACTORY TEST

- Each our generating sets went through 1 hour load test for 0%, 25%, 50%, 75%, 100% and 110% load before dispatch. All protective devices, control functions are simulated and it's system checked, proved and then passed for dispatch. A test certificate can be provided upon request.