

## STANDBY POWER GENERATOR RBF-C1600



## SPECIFICATIONS

### Alternator

|                                     |  |
|-------------------------------------|--|
| Frequency                           | 50Hz                                     |
| Output Standby/Continuous           | 1650/1500KVA                             |
| Rotating Speed                      | 1500RMP                                  |
| Number of Phase:                    | 3  |
| Connecting Type:                    | 3 Phase and 4 Wires, "Y" type connecting |
| Number of Bearing:                  | 1  |
| Power Factor:                       | 0.8                                      |
| Protection Grade:                   | IP23                                     |
| Altitude:                           | ≤1000m                                   |
| Exciter Type:                       | Brushless, self-exciting                 |
| Insulation Class, Temperature Rise: | H/H                                      |
| Telephone Influence Factor (TIF):   | < 50                                     |
| THF:                                | < 2%                                     |
| Voltage Regulation, Steady State:   | ±1%                                      |
| Alternator Capacity:                | 1550KVA                                  |
| Alternator Efficiencies:            | 95.70%                                   |
| Air Cooling Flow:                   | 2.69m <sup>3</sup> /s                    |

### Engine

|                                  |                                 |
|----------------------------------|---------------------------------|
| Manufacturer / Model:            | CCEC Cummins KTA50-GS8, 4-cycle |
| Air Intake System:               | Turbo, Air/Water cooling        |
| Fuel System:                     | PT type fuel pump, EFC          |
| Cylinder Arrangement:            | 16 in V                         |
| Displacement:                    | 50.3L                           |
| Bore and Stroke:                 | 159*159 ( mm )                  |
| Compression Ratio:               | 14.9:1                          |
| Rated RPM:                       | 1500rpm                         |
| Max. Standby Power at Rated RPM: | 1429KW/1944HP                   |
| Governor Type:                   | Electronic                      |

### Unit

|                       |                         |
|-----------------------|-------------------------|
| Dimensions (L/W/H mm) | Standard 40ft Container |
| Dry Weight            | 13000kg                 |

### General Features:

Engine (CCEC Cummins KTA50-GS8 )

Radiator 50°C max, fans are driven by belt, with safety guard

24V charge alternator

Alternator: single bearing alternator IP23, insulation class H/H

Absorber

Dry type air filter, double fuel filter, oil filter, coolant filter

Main line circuit breaker

Standard control panel – Remote start.

Two 12V batteries, rack and cable

Ripple flex exhaust pipe, exhaust siphon, flange, muffler