

## STANDBY POWER GENERATOR RBF-C103



## SPECIFICATIONS

### Alternator

Frequency	50 Hz
Output Standby/Continuous	102/93KVA
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:	100KVA
Alternator Efficiencies:	90.40%
Air Cooling Flow:	0.514m <sup>3</sup> /s

### Engine

Manufacturer / Model:	DCEC Cummins 6BT5.9-G1, 4-cycle
Air Intake System:	Turbo
Fuel System:	A/AD type fuel pump
Cylinder Arrangement:	6 in line
Displacement:	5.9L
Bore and Stroke:	102*120 ( mm )
Compression Ratio:	17.5:1
Rated RPM:	1500rpm
Max. Standby Power at Rated RPM:	92KW/125HP
Governor Type:	RSVMECHANICAL STD / Electronic OPTIONAL

### Unit

Dimensions (L/W/H mm)	2760 (mm) *1140 (mm) *1830 (mm)
Dry Weight	1900kg

### General Features:

Engine (DCEC Cummins 4BT3.9-G1 )

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