

**STANDBY POWER GENERATOR BF-C500**



**SPECIFICATIONS**

**Alternator**

Frequency	50Hz
Output Standby/Continuous	500/450KVA
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:	500KVA
Alternator Efficiencies:	93.80%
Air Cooling Flow:	1.035m <sup>3</sup> /s

**Engine**

Manufacturer / Model:	CCEC Cummins KTA19-G3, 4-cycle
Air Intake System:	Turbo, Water/Air cooling
Fuel System:	PT type fuel pump, EFC
Cylinder Arrangement:	6 in line
Displacement:	18.9L
Bore and Stroke:	159*159 ( mm )
Compression Ratio:	14.5:1
Rated RPM:	1500rpm
Max. Standby Power at Rated RPM:	448KW/609HP
Governor Type:	Electronic

**Unit**

Dimensions (L/W/H mm)	4630 (mm) *1660 (mm) *2250 (mm)
Dry Weight	5400kg

General Features:

Engine (CCEC Cummins KTA19-G3 )

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