

**STANDBY POWER GENERATOR BAIFA RBF-P22**

**SPECIFICATIONS**

**Alternator**

Frequency	50Hz
Output Standby/Continuous	22/20KVA
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:	20 KVA
Alternator Efficiencies:	94%
Air Cooling Flow:	0.095m <sup>3</sup> /s

**Engine**

Manufacturer / Model:	Perkins 404D-22G, 4-cycle
Air Intake System:	Naturally aspirated
Fuel System:	A type fuel pump
Cylinder Arrangement:	4 in line
Displacement:	1.496L
Bore and Stroke:	84*100 ( mm )
Compression Ratio:	23.3:1
Rated RPM:	1500rpm
Max. Standby Power at Rated RPM:	20.6KW/27.6HP
Governor Type:	Mechanical

**Unit**

Dimensions (L/W/H mm) (mm) \* (mm) \* (mm)  
Dry Weight kg



General Features:

Engine (Perkins 404D-22G)

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