

PRIME POWER GENERATOR RBF-M1800



SPECIFICATIONS

Alternator

Frequency	50Hz
Output Standby/Continuous	1800/1640KVA
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:	1850KVA
Alternator Efficiencies:	94.70%
Air Cooling Flow:	2.69m ³ /s

Engine

Manufacturer / Model:	MTU 12V4000G23, 4-cycle
Air Intake System:	Turbo, Water/Air Cooling
Fuel System:	ELECTRONIC FUEL INJECTION SYSTEM
Cylinder Arrangement:	12 IN V
Displacement:	57.2L
Bore and Stroke:	170*210 (mm)
Compression Ratio:	16.5:1
Rated RPM:	1500rpm
Max. Standby Power at Rated RPM:	1562KW (without fan)
Governor Type:	ADEC

Unit

Dimensions (L/W/H mm)	Standard 40'ft shipping container
Dry Weight	19,500kg

General Information

Engine (MTU 12V4000G23)

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, fuel filter, oil filter, pre-filter, coolant filter

Main line circuit breaker

Standard control panel – Remote start.

Oil drain pump

Two 12V batteries, rack and cable

Ripple flex exhaust pipe, exhaust siphon, flange, muffler

User manual