

JANAN GENERATORS

YANAN DIESEL GENERATING SET SINGLE PHASE 220V 60HZ

25KVA



MODEL	25KVA
PRIME POWER	22KW/27.5KVA

STANDARD FEATURES

Engine: **4JB1**

Radiator 40°C max, fans are driven by belt, with safety guard charge alternator

Alternator (SLG184F1), single bearing IP22, insulation class H/H

Water heater and Oil Heater

Dry type air filter, fuel filter, oil filter

Main line circuit breaker

12V batteries, rack and cable

Ripple flex exhaust pipe, exhaust siphon, flange, muffler

User manual

Main specifications of generating set

ENGINE DATA

DIESEL ENGINE	4JB1
Prime Power	22KW
Standby Power	30.8KW
Engine Characters	Water-cooled, in line, 4 stroke, direct injection, 1800rpm
Cylinder Number	4
Aspiration	Natural
Bore(mm)*stroke(mm)	93 x 102
Cubic capacity (liters)	2.771
Piston speed(m/s)	5.1
Compression ratio	18.2:1
Stability bandwidth	≤±0.8%
Steady governing rating	≤5%
Acoustic pressure	91dBA (at full load, 1m distance)
Exhaust temperature °C	500°C
Exhaust back pressure	15Kpa
Lube temperature/capacity	120°C/5.5L(max)
BMEP :Kpa (prime power)	750
Heat Rejection to Cooling	21.6kw/min
Cooling System Volume	4.5L(except water tank)
Cooling Air Flow	96m ³ /min
Combustion Air Flow	2.08m ³ /min
Exhaust Gas flow	5.24m ³ /min
Rating Fuel Consumption	5.6L/h

ALTERNATOR DATA

Model	SLG184F1
Prime Power	25.6KW/32KVA
Type	4 Pole, Rotating Field
Exciter type	Brushless, Self excited
Voltage regulator	Solid State Volts/HZ
Voltage regulation	≤1.5%
Insulation	Class H
Protection	IP22
Rated Power factor	0.8
Stator winding	Double layer concentric
Winding pitch	Two thirds
Winding leads	12
Waveform distortion	No load < 1.5%
Altitude	≤1000m

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CONTROL SYSTEM

U.K DEEP SEA Control Panel



DSE6020 generator controller integrating digital, intelligent and network techniques is used for automatic control system of diesel generator. It can carry out functions including automatic start/stop, data measure and alarming, AMF and ATS functions are also provided. The controller uses LCD display, Option Chinese and English display interface with operation easy and reliable.

QUALITY STANDARDS

The Yanan generator sets compliance with all main standards, such as ISO 8528, ISO14000, ISO3046

GB755, BS5000, VDE0530, ISO3046, IEC34-1



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