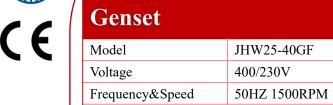




40kW/50kVA

43kW/54kVA



Prime Power

Standby Power

- > Engine: Weichai WP2.3D48E200
- ➤ Alternator:Stamford/Leroy Somer
 /Hengsheng
- Controller:DeepSea/SmartGen /DEIF/ComAp

General Engine Data

	发动机功率			
转速 Speed r/min	Gross Engine Output			
	持续功率 kW	常用功率 kW PRP kW	备用功率 kW ESP kW	
1500	COP kW	44	48	

发动机类型 Engine Type		·····································
气缸/气门数量 N° of Cylinde	rs / Valves	4/8
气缸分布型式 Cylinders arrangement		
缸径×行程 (mm) Bore x St	roke (mm)	89×92
排量(L) Displacement(L)	2	
燃油系统型式 Fuel System		·····································
进气形式 Aspiration		··········增压非中冷 Turbocharged
压缩比 Compression ratio		17.5
飞轮壳尺寸 Flywheel housing	g	SAE4
飞轮尺寸 Flywheel		······ 7.5"
飞轮齿圈齿数 N° of teeth on	flywheel ring gear	104
飞轮转动惯量 (kg/m²) Inertia	of flywheel (kg/m²)	0.26
	of crankshaft (kg/m²)	
排放阶段 Emission standard		······无排放 Non
发动机尺寸(长×宽×高) Overa	all Dimensions without radiator (L x	W x H) (mm)
	854×620×678(以外形图为)	
发动机干重 (kg) Engine dry	weight (kg)	A SHADON OF A RESIDENCE OF THE CASE OF A SHADOW SHADOW STATE OF THE SHADOW SHAD
不带辅助启动装置时最低冷启	动温度 (°C) Min.cold start temperat	ture without auxiliary starting
device(°C)		
带辅助启动装置时最低冷启动流	温度 (°C) Min. cold start temperature	
		-15
	size (LxWxH) (mm)·····	
运输重量 Packaging quality((g)·····	260



油底壳机油最小/最大容量 (L) Oil capacity Low / High (L)····································	
怠速时机油压力 (kPa) Oil pressure in normal condition idle speed (kPa)	
在额定转速下的机油压力 (kPa) Oil pressure in normal condition at rated speed	
机油压力低报警值(kPa) Lowest oil pressure alarm value (kPa)·······	
机油压力低停机值(kPa) Lowest oil pressure shutdown value (kPa)······	
额定工况主油道内机油温度范围 The oil temperature range of the main oil passage	
working condition (°C)	
机油流量 (L/min) Oil flow (L/min)	
额定工况机油燃油消耗比 Oil fuel consumption ratio based on engine fuel consump	
rated working condition	······≤0.4%
喷油泵进油口最大进油阻力 (kPa) Max. restriction at fuel pump inlet (kPa) ···················	70
喷油泵最大回油阻力 (kPa) Max. fuel return restriction (kPa)	
燃油最高进油温度 (°C) Max. fuel inlet temperature (°C)	
供油流量 (L/h) Fuel supply flow (kg/h)	
输油泵最小压力 (kPa) Min. pressure of fuel pump (kPa)	
燃油进油管最小直径 (mm) Min. diameter of inlet pipe (mm)	
燃油回油管最小直径 (mm) Min. diameter of return pipe (mm)	5.5
电气系统电压 (负极接地) (V) Electrical system voltage (negative to ground) (V)	12
起动机功率(kW) Starter power (kW)	
充电发电机额定电流 (A) Battery charger current (A)	
启动回路最大电阻 (mΩ) Max. electric resistance of starting circuit (mΩ)	
启动回路导线最小截面积(mm²) Min. sectional area of wire (mm²)······	
加热格栅工作电压(V)/电流(A) Heat The Grille Voltage(V)/Current(A) ························	
发动机噪声 (声功率级) (dB(A)) Diesel engine noise (Acoustic power level) (dB	(Δ))106
/X4/1/10/36 (M-4) +3X) (UD(A)) Diesei engine noise (Acoustic power level) (UD	(//)

Alternator

Pole No. 4-Pole

Exciter Type Single bearing, Brushless, Self-excited

Power factor 0.8

Voltage adjust range $\leq 5\%$ Insulation Grade H

Protection Grade IP23/22

Phase / wire 3 phase 4 wires

- Superior voltage waveform from two-thirds
 Pitch windings and skewed stator.
- Digital solid-state.volts-per-hertz voltage
 Regulator with +1% no-load to full-load regulation.

- NEMAMG1.JIANGHAO, and ANSI standards compliance for temperature rise and motor starting.
- Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- Sustained short-circuit current enabling down stream circuit breakers to trip without collapsing the generator field.
- Self-ventilated and dripproof construction.



Control Panel









The control module gives digital readouts of:

Generator voltage;

Output frequency;

Engine speed;

Battery voltage;

Engine hours run.



Dimension:1800*900*1300mm Weight:800kg



Dimension:3000*1100*1700mm Weight:1700kg Fuel Tank:280L

The **control panel** is an Digital Control Module suitable for a wide variety of single, diesel or gas, gen-set applications.

Monitoring an extensive number of engine parameters, the module will display warnings, shutdown and engine status information on the back-lit LCD screen and illuminated LEDs.

The control module has indicators for failure information:

Over speed/Low speed,

Emergency stop

Low oil pressure;

High water temperature

Failure to start

Battery charger failure

Automatic shutdown occurs under:

Low engine oil pressure;

High engine water temperature;

Over speed/Low speed;

Failure to start after three attempts.

Electrical system

- Maintenance-free and anti-explosion battery
- Standard breaker
- ABB breaker (optional)
- > ATS (optional)
- Battery charger (optional)
- GMS monitoring (optional)

Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging

Jiangsu Jianghao Generator Co.,Ltd

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