

Terms & conditions:

Payment: By TT, 30% as deposit, pay the balance before delivery.

Lead time: 7-10 working days.

Trading term: Delivered to SHEZHEN city.

The price does NOT include tax.

Price validity: 7 days.

Package: Packed in wooden box.

Standard specification

General features:

- Coupled with Wei-chai diesel engines, Stamford alternators and Smart-gen Controllers.
- Brushless , Self-excited, IP23, insulation class H alternator

Certification

- ISO9001, ISO 14001 Quality Control System
- CE approved

Technical parameters

Technical Data of Wei-chai 40KW Diesel Generator Set

Output Power (KW)	40
Capacity (KVA)	50
Power Factor	0.8 LAG
Frequency (Hz)	60
Voltage (V)	220V
Dimensions L×W×H (mm)	2200*1000*1500
Net Weight (kg)	2000

Technical Data of *Engine*

Producer	Wei-chai		
Model	K4100ZD	Rated Speed (RPM)	1800
No. of Cylinder	4	Fuel Specification and Class	China0# light diesel
Orientation of Cylinder	In-line	Fuel Consumption (g/kw. h)	210
Bore×Stroke (mm)	100*110	Lubricating Oil Specification and Class	Above API-CD
Aspiration	Turbo-charged	Lubricating Oil volume(L)	12
Compression Ratio	17.0:1	Max Temperature of Engine Oil (°C)	121
Thermostat Attemper Range (°C)	82-93	Max Fuel Consumption (L/H)	9.0
Permitted Max	10	Max Temperature of Discharging Smoke	535

Wei-chai diesel engine

Back-pressure (Kpa)		(°C)	
Cooling Method	Closed-cycle water cooling	Intake resistance (Kpa)	3.73
Coolant Volume (L) only for Motor	8.0 L	Displacement (L)	4.0
Max Coolant Temperature (°C)	100/104	Starting method	Electric start
Oil lubricate method	rotation Engine Oil	Dry-type Air Cleaner	

Technical Data of Alternator

Producer	Stamford		
Voltage Setting Range	$\geq \pm 5\%$	Steady Voltage Regulation Factor	$\leq \pm 1.0\%$
Temperature Rise	H	Voltage Control Mode	AVR(SMAVC6307)
Class of Insulation	H	Overload Capacity	1.5times, 2 minutes
Grade of Protection	IP23	Short Circuit Capacity	3times, 2 seconds
Efficiency	93.60%	Cooling Method	Self-cooled
Electromagnetism Interference Factor	THF<2%, TIF<50	Rotor Type	Saliency type





The pictures are just for your reference.

Control system

Smartgen : AMF (Automatic Mains Failure Module)



Smartgen Series generator controller Provide precision measure and display of:

- *Mains voltage *Mains frequency (Hz) *Mains current *Generator voltage
- *Generator current *Generator frequency (Hz) *Generator active power (kW)
- *Generator inactive power (kVA) *Generator apparent power (kVA)
- *Generator power factor *Generator starts count *Generator hours count
- *Generator cumulate electric energy (kWh) *Generator temperature
- *Generator pressure *Generator fuel level *Start battery voltage

Standard functions

Shutdown

Warning

Wei-chai diesel engine

<p>Engine Control Generator Monitoring Generator Protection Engine Monitoring Clear Text Display</p>	<p>Loss of Speed Signal Alternator Under / Over Voltage Alternator Under/ Over Frequency Mains Under / Over Voltage Mains Under/ Over Frequency Under / Over Speed Low Oil Pressure High Engine Temperature Phase Sequence Electrical (Option) Earth Fault (Option)</p>	<p>Alternator Under / Over Voltage Alternator Under/ Over Frequency Mains Under / Over Voltage Mains Under/ Over Frequency Under / Over Speed Low Oil Pressure Pre-Alarm High Engine Temperature Pre-Alarm High/Low Battery Voltage Over-current Periodic maintenance</p>
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After-sale service and spare parts

1. Spare parts(each set): 1 Battery, 1 tubing and muffler pipe , 4 anti-vibration pads , accessories box, manual, warranty card.
- 2、 Service rules :if necessary, we will dispatch engineers to your factory to install and test it for free.The customers will be in charge of the round trip air tickets fee and room and board fee abroad.
- 3、 The price is of full new generator set.

Warranty period

One year or 1000 Hours of Generator set Operation time,whichever comes first.(from the first operation of the gen-set and collected to 1000 hours operation time). For the gen-set equipped with standard alternators, it can operate for at least two years.