

VOLVO-EPV 112GF**Description**

60HZ 200kW Volvo silent type diesel generator

GENSET POWER						
Voltage	Hz	Phase	Power Factor	Current	Standby Power	Prime Power
480V	60HZ	3	0.8	300 A	220KW	200KW

General features:

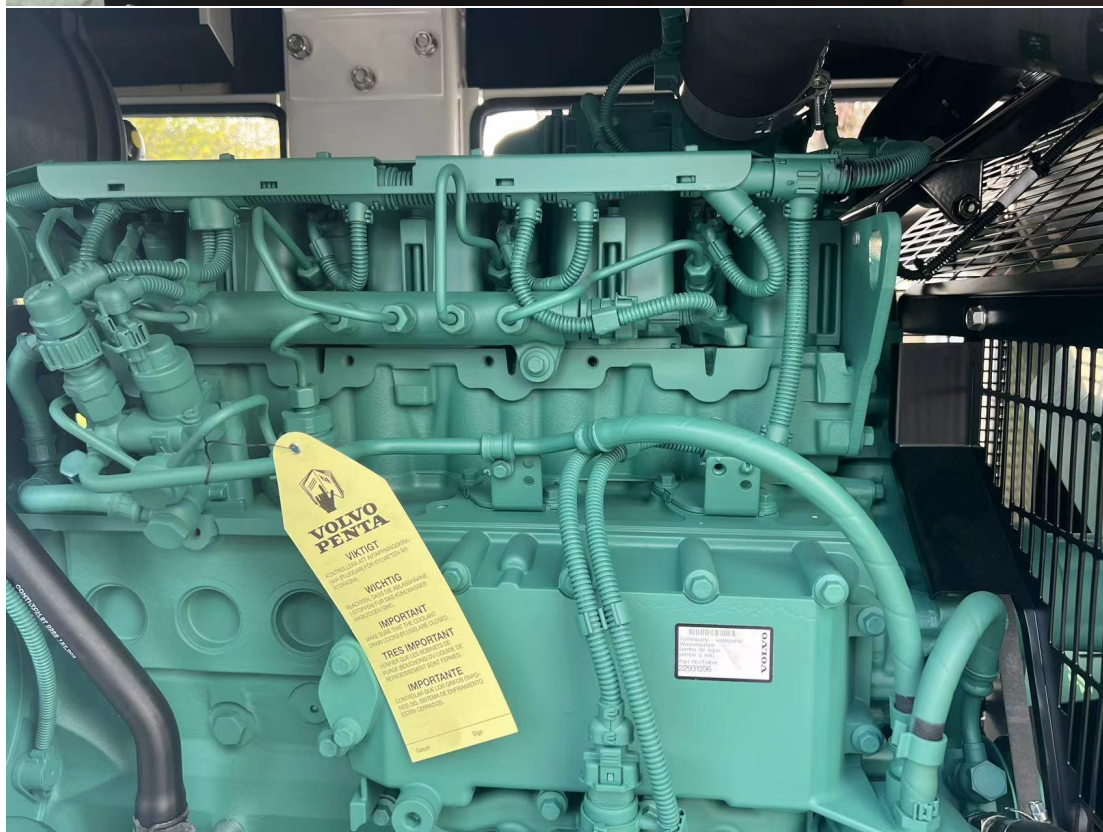
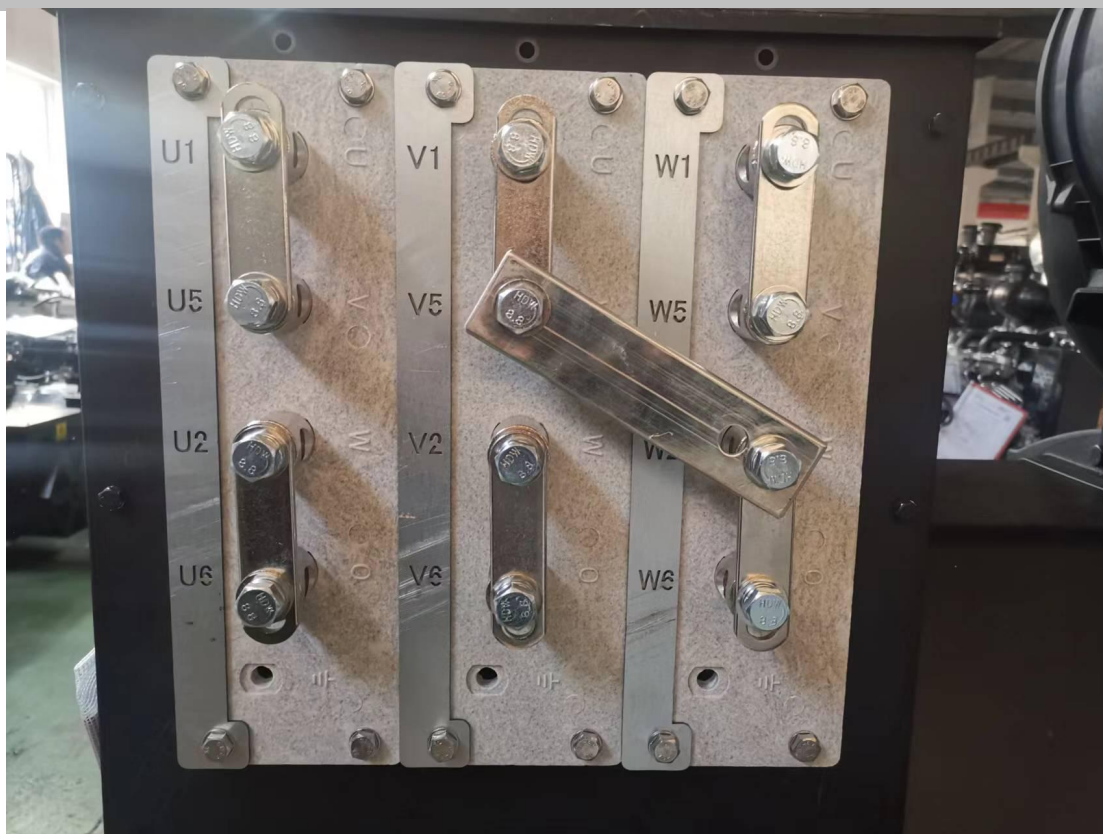
- Engine:VOLVO TAD754GE
- Alternator:Stamford UCI 274H14
- Digital Controller:Deepsea DSE7320
- Equipped with 45°C Radiator;
- Equipped with 24V DC Start motor;
- Equipped with vibration Isolators between the engine/alternator and base frame;
- Equipped with high performance maintenance-free lead-acid starting batteries and battery switch;
- Equipped with industrial silencer and flexible exhaust hose;
- Equipped with high performance circuit breaker;
- Designed to Comply with ISO9001&CE;
- Every generator set is subjected to a comprehensive test program which includes 50% load, 75% load,100% load, 110% load and the checking and proving of all control and safety shut-down functions;

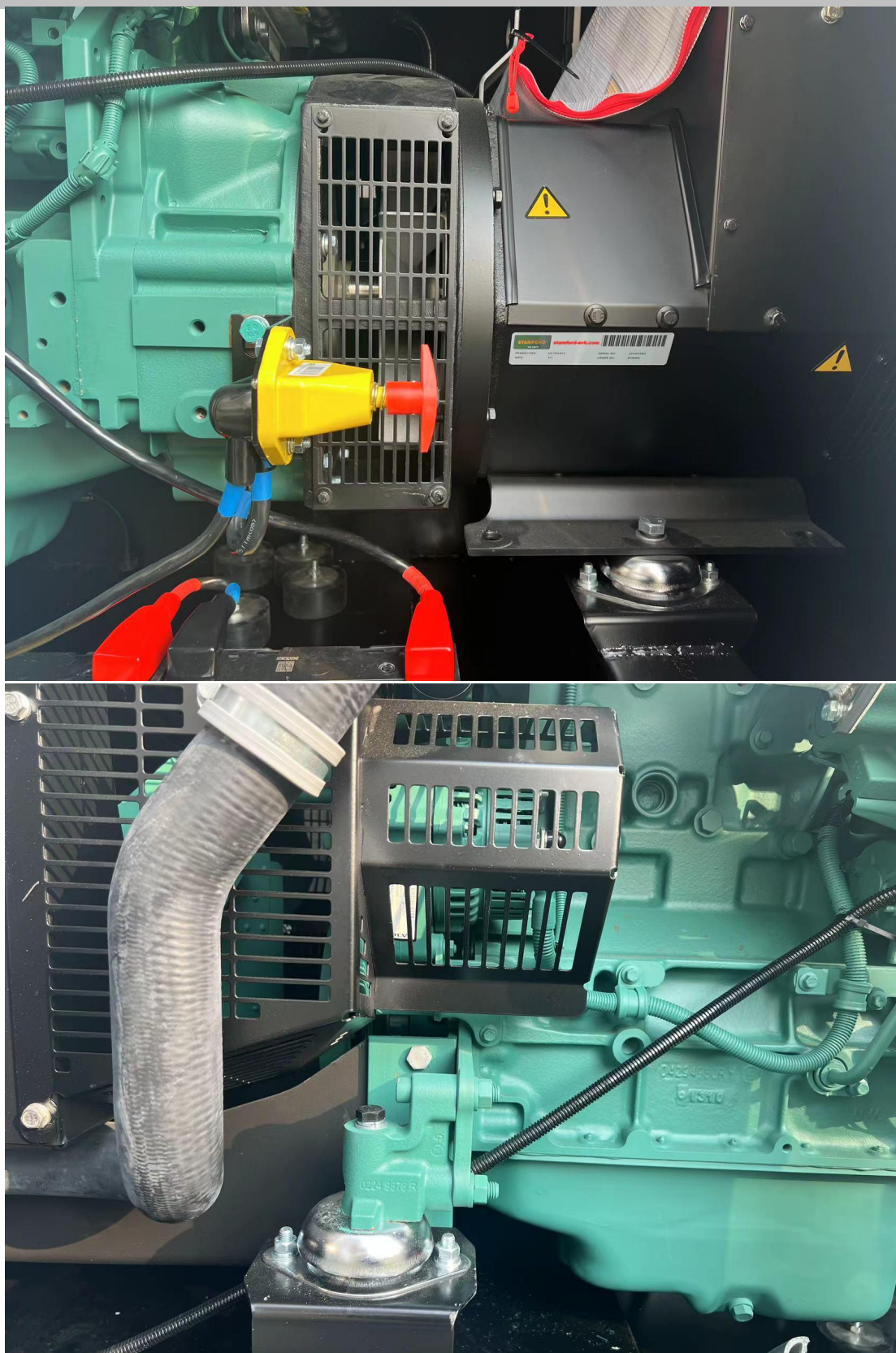
WEIGHT AND DIEMENSIONS

Size of Genset Silent Type	3500*1300*1830mm
Weight of Genset silent Type	3500KG with 400L fuel tank









ENGINE DATA	
Manufacturer/Model	VOLVO TAD754GE
No. Of Cylinder	6 Cylinders type
Cycle	4 Stroke
Aspiration	Turbo charged
Combustion System	direct Injection
Bore×Stroke	108mm x130mm
Displacement	7.15L
Prime Power/Speed	200KW @ 1800rpm
Standby Power/Speed	22KW @ 1800rpm
Speed Governor	Electric
Cooling System	Forced water cooling cycle
Steady speed droop	≤ 1%
Starter Motor	DC24V

FUEL SYSTEM	
Fuel Type	Diesel
Fuel Consumption at 100% Load	215gram/kw.h

LUBE OIL SYSTEM	
Total lubrication system capacity	20L
Lube Oil Type	CD15W Class and Above

COOLANT SYSTEM	
Total Coolant Capacity	16.7 L
Max Water Temperature	104℃
Thermostat	82-95℃

ALTERNATOR DATA	
Manufacturer / Model	Stamford UCI 274H14
Prime power	200KW
Frequency/speed	60HZ/1800rpm

Exciter type	Brushless, Self-excited
Power factor	0.8
Voltage adjust range	≥5%
Insulation Grade	H
Pole No.	4
Protection Grade	IP23
Phase / wire	3 phase 4 wire

CONTROL PANEL

Deepsea DSE7320

The control module gives digital readouts of:

Generator voltage;
 Output frequency;
 Engine speed;
 Battery voltage;
 Engine hours run.

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.



STANDARD ACCESSORIES	Open type	Silent type
Sound-proof & Weather-proof Canopy	N/A	√
Daily base fuel tank. 8 hours capacity	N/A	√
Single-bearing generator again drops	√	√
Intelligent LED display control panel	√	√
Speed governor	√	√
Electric start and 24v charger	√	√
Standard air filter, oil filter, fuel filter	√	√
Cooling water tank	√	√
High-efficient silencer.	√	√
Exhaust elbow	√	√
Storage battery	√	√
Steel base-frame against vibration	√	√
Soft pipe for fuel and handle for lube going-out	√	√
Operation& Maintenance manual.	√	√

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