

GVP 172

Engine Speed rpm	Frequency Hz	Type of Operation	Genset Power		Engine Power	
			kVA	kW	kWm	bbh
1500	50	Prime Power	157	126	135	184
		Stand-by Power	172	138	148	201

STANDARD SPECIFICATIONS

Engine

- VOLVO PENTA Heavy duty diesel engine
- Revolution: 1500 rpm
- Water cooled
- Tropical type radiator

Alternator

- VDE 0530 & IEC 34-1 standardizations
- Synchron type brushless
- Automatic voltage regulation (AVR)
- Overload acceptance: 110% for 1 hour, 150% for 2 minutes
- Short circuit resistance: 300 for 10 seconds
- Insulation class: H
- Insulation resistance: 1800 VAC
- Voltage: 230/400 V three phase
- Voltage regulation: $\pm 0,5\%$
- Protection class: IP23
- Power factor (cos ϕ): 0,8
- Frequency: 50 Hz

Manuel Control Panel

- Microprocessed Electronic Control Panel
- Relays
- Protection fuses
- Thermic magnetic circuit breaker (TMS) 3-pole
- Emergency stop button

Automatic Control Panel

- Microprocessed AMF Electronic Control Panel
- Protection fuses
- Battery charger
- Power Transfer (For ATS)
- Emergency stop button

Chassis

- Mounted on the steel base chassis
- Elastic vibration dampers between engine and chassis
- Chassis integrated fuel tank
- Dial type mechanical fuel indicator

Canopy

- Easy lifting and moving
- Metal parts are coated with electrostatic polyester coated, powder painted
- Thermally insulated exhaust system
- Acoustic insulation with rot*proof, moisture-repellent and non-flammable material (per DIN 4102 A2)



ENGINE

Make	Volvo Penta
Model	TAD 731 GE
Number of Cylinder	6
Cylinder arrangement	In-line
Cycle	4 stroke
Aspiration	Turbocharged AAC*
Combustion system	Direct injection
Compression ratio	18:1
Bore and Stroke	mm 108 x 130
Displacement	lt 7.15
Cooling System	Water Cooled
Total coolant capacity	lt 21
Total lubrication	lt 23,8
Governor Type	Mechanically governed
Electric System	12 VDC

Fuel Consumption %50 Loaded	lt/h	17,6
Fuel Consumption %75 Loaded	lt/h	25,5
Fuel Consumption % 100 Loaded	lt/h	33,8
Fuel Tank Cap. Open (canopy)	lt	256 (314)

DIMENSIONS

Width w/o Canopy (w/canopy)	mm	1200 (1250)
Lenght w/o Canopy (w/canopy)	mm	2800 (3800)
Height w/o Canopy (w/canopy)	mm	1750 (2540)
Weight w/o Canopy (w/canopy)	kg	1855 (2390)

TECHNICAL SPECIFICATIONS