

GVP 110

| Engine Speed rpm | Frequency Hz | Type of Operation | Genset Power | | Engine Power | |
|---------------------|-----------------|----------------------|--------------|-----|--------------|-----|
| | | | kVA | kWe | kWm | bbh |
| 1500 | 50 | Prime Power | 100 | 80 | 88 | 119 |
| | | Stand-by Power | 110 | 88 | 98 | 133 |

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 531 GE |
| Number of Cylinder | 4 |
| 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 4.76 |
| Cooling System | Water Cooled |
| Total coolant capacity | lt 19 |
| Total lubrication | lt 11 |
| Governor Type | Mechanically governed |
| Electric System | 12 VDC |

| | | |
|-------------------------------|------|-----------|
| Fuel Consumption %50 Loaded | lt/h | 11,7 |
| Fuel Consumption %75 Loaded | lt/h | 17,0 |
| Fuel Consumption % 100 Loaded | lt/h | 22,7 |
| Fuel Tank Cap. Open (canopy) | lt | 190 (359) |

DIMENSIONS

| | | |
|------------------------------|----|-------------|
| Width w/o Canopy (w/canopy) | mm | 1000 (1100) |
| Lenght w/o Canopy (w/canopy) | mm | 2100 (2950) |
| Height w/o Canopy (w/canopy) | mm | 1600 (2250) |
| Weight w/o Canopy (w/canopy) | kg | 1280 (1700) |

TECHNICAL SPECIFICATIONS