

GDD 600

Engine Speed rpm	Frequency Hz	Type of Operation	Genset Power		Engine Power (Net)	
			kVA	kW	hp	kW
1500	50	Prime Power	550	440	602	443
		Stand-by Power	600	480	674	496

STANDARD SPECIFICATIONS

Engine

- DAEWOO DOOSAN Heavy duty diesel engine
- Revolution: 1500
- 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: 50 Hz 230/400 V three phase
- Voltage regulation: $\pm 0,5\%$
- Protection class: IP23
- Power factor (cos ϕ) : 0,8
- Frequency: 50

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	DOOSAN
Model	P180LE
Number of Cylinder	10
Cylinder Arrangement	V Type
Aspiration	Turbo Intercooled
Cooling System	Water Cooled
Governor	Electronic
Displacement	lt 18,273
Cylinder Bore / Stroke	mm 128 X 142
Compression Ratio	15:1
Electric System	24VDC

Fuel Consumption %50 Loaded	lt/h	54,8
Fuel Consumption %75 Loaded	lt/h	81,3
Fuel Consumption %100 Loaded	lt/h	111,6
Fuel Tank Capacity w/o Canopy w Canopy	lt	1219 (527)

DIMENSIONS

Width w/o Canopy (w/canopy)	mm	1400 (1900)
Lenght w/o Canopy (w/canopy)	mm	3500 (5000)
Height w/o Canopy (w/canopy)	mm	2240 (3150)
Weight w/o Canopy (w/canopy)	kg	3800 (5070)

TECHNICAL SPECIFICATIONS