

GDD SERIES

DOOSAN Powered
Diesel Generator

GENPOWER®

GENERATOR

GDD 775

Engine Speed rpm	Frequency Hz	Type of Operations	Genset Power		Engine Power (Net)	
			kVA	kW	kWm	bbh
1500	50	Prime Power	775	620	652	886
		Standby Power	-	-	-	-

STANDARD SPECIFICATIONS

Engine

- DOOSAN 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: 50 Hz 230/400 V three phase
- Voltage regulation: $\pm 0,5\%$
- Protection class: IP23
- Power factor (cosq): 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		Doosan
Model		P222LE-II
Rpm	rpm	1500
Number of Cylinder		12
Cylinder Arrangement		V Type
Cooling System		Water Cooled
Governor		Electronic
Cylinder Displacement	lt	21.927
Cylinder Bore x Stroke	mm	128 x 142
Compression Ratio		14:1
Electric System		24 VDC

Fuel Consumption %50 Loaded	lt/h	79,5
Fuel Consumption %75 Loaded	lt/h	119,3
Fuel Consumption % 100 Loaded	lt/h	162,6
Fuel Tank Cap. w/o Canopy	lt	1193
(w/canopy)	lt	527

DIMENSIONS

Width w/o Canopy (w/canopy)	mm	1460 (1900)
Lenght w/o Canopy (w/canopy)	mm	3600 (5000)
Height w/o Canopy (w/canopy)	mm	2410 (2853)
Weight w/o Canopy (w/canopy)	kg	4444 (5810)

TECHNICAL SPECIFICATIONS