

PARAMETERS	DG MODELS
Genset Prime Rating (kVA) *	400
Genset Prime Rating (KW)	320
Phase / Voltage (V)	3/415
Power Factor	0.8 (lagging)
Current (A)	556
Frequency (Hz)& RPM	50/1500
Governing class	G2
Starting system	24 V DC Electrical
Fuel tank capacity (lit)	700
Genset dimensions w/o silencer (mm) (L x W x H) approx.	5000x1900x2302
Genset Weight (kg) approx.	5200
Engine Specification	
Make / Series	Perkins
Engine Model	2206D-E13TAG3
Power Output# (Kw)	367
Aspiration	Turbo Charged After Cooled
No. of cylinders	6
Bore x Stroke (mm)	130*157
Displacement (Lit)	12.5
Fuel consumption @ 75% load (lit/hr)^	65.5
Fuel consumption @ 100% load (lit/hr)^	90.5
Total lubrication system capacity (lit)	40
Lube oil consumption @ 100% load*	0.1% of fuel consumption
Lube oil change period (hrs.)	500
Radiator coolant capacity (lit)	51.4
Alternator	
Make	CG/LS/Stamford
Enclosure Type	IP23
Voltage regulation	±1%
Class of insulation	Class H
Maximum Unbalanced Load across Phases	25%

Above specifications are subject to change without prior notice due to continuous product improvements.

All engines & alternators confirm to respective IS standards

All the genset specifications are as per ISO 8528 standard

Fuel - High Speed Diesel (HSD IS 1460:2005)

^ Considering 0.850 specific gravity of diesel 5% tolerance

\$ Considering 0.89 specific gravity of oil

* For Standby duty, contact Powerol authorized representative
All specifications are at standard NTP operating conditions
All the above gensets conform to the latest CPCB norms of <75 dbA