



REGISTERED OFFICE

SUPERNOVA ENGINEERS LIMITED

B Wing, F-2, First Floor, Shapath Hexa, Opp. Gujarat High Court,
S.G.Highway, Ahmedabad – 380 060. Gujarat, INDIA.

Call - +91 79-66111136/37/38/39/40

Email - marketing@supernovagenset.com, inquiry@supernovagenset.com

Web - www.supernovagenset.com

Branches

MUMBAI : G-Square Business Park, Office No. 1403, 14th Floor, Opp. Sanpada Railway Station,
Sector 30A, Vashi, Navi Mumbai - 400703.

BENGALURU : Unit 208, N-7, Level-2, Prestige Center Point, Edward Road, Vasant Nagar,
Bangaluru Urban, Karnataka – 560 052.

CHENNAI : Ground Floor & First Floor, No. 14, Om Sakthi Nagar, First Main Road,
Mettukuppam, Vanagaram, Chennai - 600095.

COIMBATORE : No.81, Dr. Nanjappa Road, Chenny's Chamber, Coimbatore - 641 018, Tel.: 0422 4959414

HYDERABAD : 6 & 7, Premises No. 1-7-319, 3rd Floor, Panchsheel Towers, Park Lane,
Secunderabad - 500 003, Tel.: 099127 26415

DELHI/UP : 702, 7th Floor, DLF Star Tower, Opp. Exit-8 on Delhi-Jaipur Highway, Sector-30,
Gurugram, Haryana-122002.

RANCHI : 502, Estate Plaza, Kantatoali, Old HB Road, Behind Mangal Tower, Ranchi - 834 001,
Tel.: 099343 60092

MFG. FACILITIES

RAJPUR- : 1470/1, Village Rajpur, Tal, Kadi, Dist. Mehsana, North Gujarat,
MEHSANA Tel.: 7069004225 / 7069004226

SILVASSA : Survey No. 263/3/2/1, Silvassa Dadra Nagar Haveli. Tel.: 0260-2681069

SEL | B2C & B2B | PERKINS 2000/01



SUPERNOVA Euro Series

400 kVA to 625 kVA



Powered by
Perkins®
Diesel Power

the power
to move you

SUPERNOVA



Supernova Diesel Electric Gensets are powered by Perkins Diesel Engine ranging from 400kVA to 625 kVA. Each Supernova Diesel Electric Genset is manufactured under stringent quality assurance process and undergoes in-house testing. Engine performance corresponds to ISO 3046, BS 5514 and DIN6271. The technical data applies to an engine operating on a fuel with a calorific value of 42.7 MJ/Kg(10200 Kcal/Kg) and a density of 0.86 Kg/Liter and as per BS 2869 Part 2 1998 Class A2 or ASTM D975D2. AC Generator performance corresponds to IEC-34, IS-4722

The unmatched fuel efficiency and ease of maintenance are the key factors which makes them preferred choice of customers.

Salient features:

- | Six Cylinders In-line up to 625 KVA Dg Set
- | Low Operating Cost & Maintenance Cost
- | Compact Size for Easier Transportation and Installation
- | High Block Loading Capability
- | Robust electronic management system
- | Highly Reliable & Highly Fuel Efficient
- | Liner Load vs SFC Curve- Substantial Fuel Saving on Part Load
- | Excellent Power to Weight Ratio
- | Low Vibrations & Emissions
- | Electronic Fuel Injection (MEUI)
- | Higher maintenance/Oil change period : 500 hrs. / 1 year.

Standard Scope Comprising Of:

Diesel Engine / AC Generator / base frame / Standard Control Panel / Radiator / Silencer / Battery & Battery Cables / AVMs / First Fill of Lub. Oil / First Fill of Coolant / D.G. Set Controller / fuel tank / wiring harness / Sensors.

Types for D.G. Sets

- | Silent D.G. Sets
- | Containerized D.G. Sets

Options Available:

- | Cooling Systems: Heat Exchanger
- | Electrical Options : Auto Mains Failure / Auto Synchronizing and Load sharing Panels.
- | Standard Switchgear - L&T/Schneider, other makes can be offered on request
- | Standard Controllers - Woodward/DIEF/DeepSea, other makes can be offered



RATING GUIDELINES

PRIME POWER rating corresponds to ISO standard power for continuous operation. It is applicable for supplying electrical power at variable load for an unlimited number of hours instead of commercially purchased power. This is as per ISO 8528. STAND BY POWER rating corresponds to ISO fuel stop power. It is applicable for supplying standby electrical power at variable load in area with well-established electrical networks, in the event of power failure. No overload capacity is available with this rating.

POWER STANDARDS

Engine Performance corresponds to ISO 3046, BS 5514, SAE J1349 and DIN 6271. The technical data applies to an engine operating on a fuel with a calorific value of 42.7 MJ/Kg (10200 Kcal/Kg.) and a density of 0.84 Kg/liter (7.01 lb/US gal). Engine speed governing is in accordance with ISO 3046, Class A1 and ISO 8528 Class G2.

Rating Table

TECHNICAL DATA

"GENSET MODEL (1500RPM (50Hz) 3 Ph., 415V, 0.8 PF)"	SP 400*	SP 500*	SP 625*
Rated kVA / Rated kWe	400kVA / 320kWe	500kVA / 400kWe	625kVA / 500kWe
Engine Model	2206D-E13TAG3	2506D-E15TAG2	2806D-E18TAG1A
Engine bhp	492	607	724
Type	4 STROKE WATER COOLED 1500 RPM DIESEL ENGINE		
No. of Cylinder & Arrangement	6 VERTICAL IN-LINE		
Governor	ELECTRONIC		
Fuel System	DIRECT INJECTION SYSTEM WITH UNIT INJECTORS		
Bore X Stroke (mm x mm)	130x157	137x171	145x183
Compression Ratio	15.8:01	17:1	18:01
Starting System	24V DC ELECTRIC		
Lead Acid TYPE Battery	2Nos. 180 AH		
Fuel day Tank Capacity (Ltrs)	520	890	890
Coolant Capacity incl.Radiator (Ltrs)	52	48	57
Lube.Oil Capacity incl.Oil Filters (Ltrs)	40	62	71
Lube.Oil Specification	API CI 4 15W/40		
Recommended Fuel Specification	ASTM.D975 No.2-D or BS2869 Class A2 or BSEN 590		
Overall D.G. Set Dimensions in mm			
Length	4500	5600	5600
Width	1800	2200	2200
Height	2660	3025	3025
Total Weight incl. (Approx.) Acoustic Enclosure (in kgs)	5400	7200	7400

***SUPPLY WITH ACOUSTIC ENCLOSURE AS PER CPCB-II NORMS.**

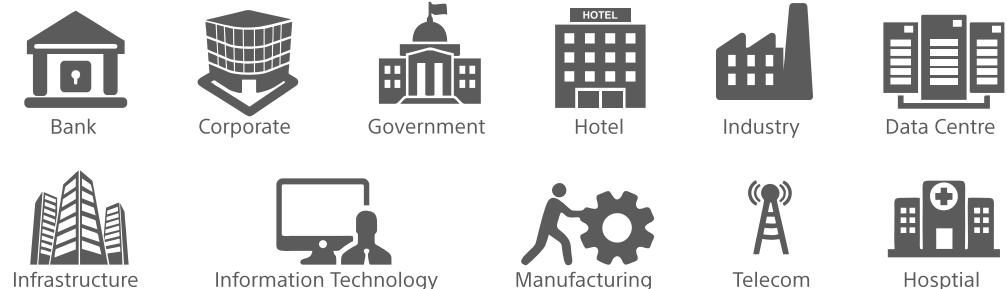
Service Support:

PAN India spares availability through strategically located stock points across the country. Services offered through a strong network of seven area offices and resident engineers located at Tier II and Tier III cities and through service dealers.

Warranty:

As per our offer

INDUSTRIES CATERED



*Technical Detail are subject to change if recommended by principal manufacturer.