

**SUPERNOVA**  
 Euro Series

250kVA to 650 kVA  
 6500 kVA when paralleled



**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**

- BENGALURU : #4C, 209, 4th Cross, East of NGEF, Kasturinagar, Bengaluru- 560 043, Tel.: 090356 60066
- CHENNAI : 1B & 1C, Shivanandam Complex, 3rd Floor, Pulla Avenue, Thiru Vi Ka Park, Shenoyanagar, Chennai - 600 030, Tel.: 094433 86416
- COIMBATORE : No.81, Dr. Nanjappa Road, Chenny's Chamber, Coimbatore - 641 018, Tel.: 0422 4959414
- DELHI/UP : B-220, Pacific Business Park, 37/1, Site-IV, Sahibabad Industrial Area, Ghaziabad, (UP) - 201 010 Tel.: 098181 17599
- HYDERABAD : 6 & 7, Premises No. 1-7-319, 3rd Floor, Panchsheel Towers, Park Lane, Secunderabad - 500 003, Tel.: 099127 26415
- MUMBAI : 204/205, Agarwal Arcade - VI, Nr. Juhinagar Railway Station, Sector-I, Nerul, Navi Mumbai-Pune Road, Navi Mumbai - 400 706 Tel.: 098797 18477
- PATNA : B-22, Luv Kush Tower, Exhibition Road Crossing, Patna - 800 001, Tel.: 099343 60092
- 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

POWERED BY  
**VOLVO  
 PENTA**

the power  
 to move you

# SUPERNOVA | VOLVO PENTA

Supernova Diesel Electric Gensets are powered by imported Swedish make Volvo Penta Diesel Engines ranging from 250 KVA to 650 KVA. The complete range is CPCB II compliant and NAL (National Aerospace Agency) approved. Each Supernova Diesel Electric Genset is manufactured under stringent quality assurance process and undergoes in-house testing. Engine corresponds to ISO 3046, BS 5514 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 0.86 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:

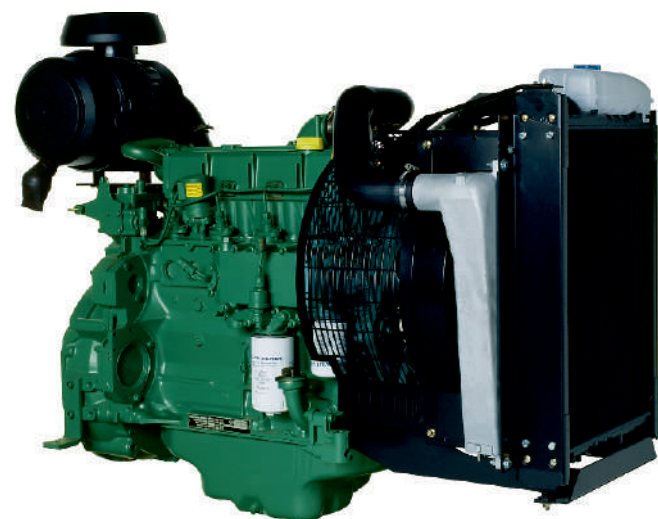
- | Six Cylinders In-line up to 650 KVA Dg Set
- | Low Operating Cost & Maintenance Cost
- | Compact Size for Easier Transportation and Installation
- | High Block Loading Capability
- | Full Authority Electronic Engine Management System
- | Highly Reliable & Highly Fuel Efficient
- | Liner Load vs SFC Curve- Substantial Fuel Saving on Part Load
- | Excellent Power to Weight Ratio
- | Low Vibrations & Emissions
- | Overhead Camshaft: Accurate Valve Timing and Less Moving Part
- | Add on type, specially designed intake air filtration system for dusty application.

### Types for D.G. Sets

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

### 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.



### 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 on request Extended Warranty

## Rating Table

RADIATOR COOLED PRIME POWER 1500RPM (50Hz) 3 Ph., 415V, 0.8 PF						Shipping Dimensions (Acoustic Enclosure)		
GENSET MODEL	ENGINE MODEL	BHP	Rated kVA	Rated kW	Length	Width	Height	Weight
SV 250	TAD754GE	310	250	200	4400	2000	2800	4370
SV 320	TAD1351GE	389	320	256	4400	2000	2980	5554
SV 350	TAD1352GE	442	350	280	4400	2000	2980	5684
SV 380	TAD1354GE	461	380	304	4400	2000	2980	5684
SV 415	TAD1355GE	502	415	332	4400	2000	2980	5769
SV 500	TAD1651GE	600	500	400	5600	2200	3025	6944
SV 600	TWD1652GE	710	600	480	5600	2200	3025	7240
SV 650	TWD1653GE	767	625	500	5600	2200	3025	7443

### Rating Guidelines:

#### Prime Power :

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.

#### Service Support:

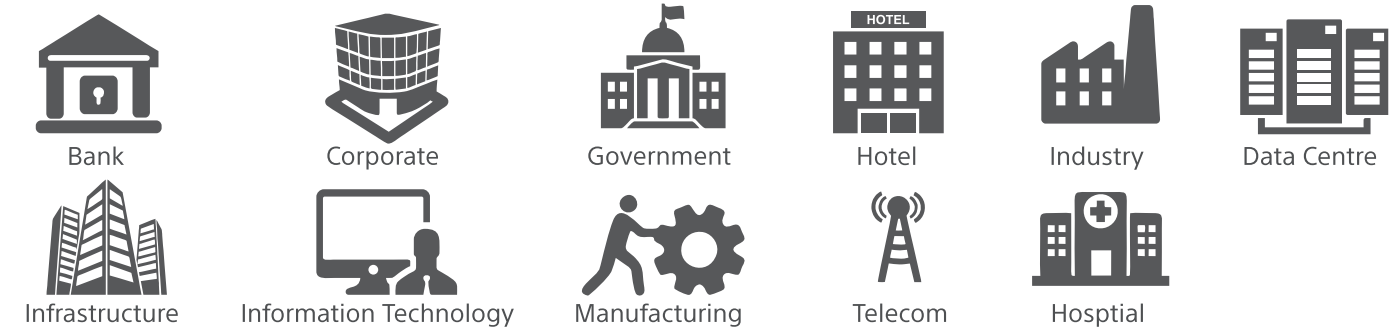
PAN India spares availability through strategically located stock points across the country. Services offered through a strong network of seven area offices and resident engineers located at Tier II and Tier III cities and through service dealers.

#### Warranty:

All equipments have a warranty either against faulty workmanship or manufacturing defects for a period of 26 months from the date of dispatch or 24 months from the date of commissioning or 3000 operating hours, whichever occurs first. This warranty is back to back basis by respective engine and alternator manufacturers. This shall however exclude rubber parts and electrical gauges, faults due to mishandling, misuse or improper operation and maintenance.

This warranty applies only if the services and spares during the warranty period and entrusted to Supernova Engineers Ltd. The warranty shall become null and void if the services and spares during the warranty are provided by any unauthorized vendor.

## INDUSTRIES CATERED



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