



GENSET INDIA PVT. LTD.



ESCORTS



10 - 62.5 KVA DG SET

JAS-ANZ



ISO 9001-2008
CERTIFIED



ESCORTS ENGINE SPECIFICATIONS

DG SET MODEL	GE-10	GE-12	GE-15	GE-20	GE-25	GE-30	GE-35	GE-40	GE-45	GE-62.5
KVA Rating	10	12	15	20	25	30	35	40	45	62.5
No of Cylinder	2	2	2	3	3	3	3	4	4	4
B.H.P.	18	18	22	25	33	43	43	58	58	88
Aspiration	NA	NA	NA	NA	TCI	TCI	TCI	TCI	TCI	TCI
Cylinder Arrangement	INLINE	INLINE	INLINE	INLINE	INLINE	INLINE	INLINE	INLINE	INLINE	INLINE
Displacement (C.C)	1430	1430	1560	2145	2145	2145	2145	2860	2860	3680
Bore X Stroke (mm)	91 X 110	91 X 110	95 X 110	91 X 110	91 X 110	91 X 110	91 X 110	91 X 110	91 X 110	98 X 122
Compression Ratio	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1
RPM	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Air Cleaner Type	DRY TYPE	DRY TYPE	DRY TYPE	DRY TYPE	DRY TYPE	DRY TYPE	DRY TYPE	DRY TYPE	DRY TYPE	DRY TYPE
Starting System Electrical	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
Battery Capacity	88/100 AH	88/100 AH	88/100 AH	88/100 AH	100/120 AH	100/120 AH	100/120 AH	100/120 AH	100/120 AH	120 AH
Exhaust Pipe Size (Inches)	2"	2"	2"	2"	3"	3"	3"	3"	3"	3"
Cable Size- Aluminium Armored	25 SQ mm	25 SQ mm	25 SQ mm	25 SQ mm	25 SQ mm	25 SQ mm	25 SQ mm	35 SQ mm	50 SQ mm	70 SQ mm
Fuel Tank Capacity	80	80	80	80	80	80	80	100	100	100

CONFORMANCE STANDARDS: IS 4722, ISO 8528, BS 5514, ISO 3046

ALTERNATOR SPECIFICATIONS

LEROY SOMER / STAMFORD / CG make Brushless Alternator, Self-Excited, Self-Regulated, Screen protected, 3/1 Phase, 415/230 Volts, 0.8 Pf, 4 wire system and conforming to BS5000 / IS4722 Standards having $\pm 1.0\%$ Automatic Voltage regulation System with IP:23 Protection & Class "H" Insulation.

ACOUSTIC ENCLOSURE

Acoustic Enclosures are manufactured with Tata make CRCA sheets. The base Channel are MIG welded to form a compact, very rigid, strong and durable structure. The walls of the Acoustic Enclosure are insulated with Fire retardant Foam and the Acoustic Enclosures are CPCB compliant and approved by Automotive research Association of India, Pune.

SALIENT FEATURES

- ✔ Designed and manufactured in latest CNC machines from M/S AMADA, Japan.
- ✔ Meets CPCB norms of 75 dBA at 1 meter distance at 75% load under free field conditions.
- ✔ Ecofriendly & Weather Proof Compact Modular construction suitable for outdoor installations.
- ✔ Powder Coated with 9 Tank Pre-treatment process to give enclosure a superior long lasting finish.
- ✔ Lifting arrangement & lockable doors provided in enclosure.
- ✔ Acoustic Enclosures are totally detachable into parts for easy transportation/ fitting in tight spaces.
- ✔ Fuel filling arrangement.
- ✔ Emergency Stop Push button provided.
- ✔ Special customized canopies available on request.



MICROPROCESSOR BASED CONTROL PANEL

The control panel is fabricated from CRCA sheet steel. The Control Panel is **Powder coated** with 9 tank Chemical Pre-treatment process and painted in Siemens Grey colour having following configuration.

- Suitably rated MCB
- Current transformers of suitable ratio for Metering.
- Indicating lamps for Load ON & Set Running
- HRC fuses
- Canopy Tube light ON/OFF Switch
- Emergency Stop Push Button
- Aluminium Busbar
- Engine Control Relay with Displays & Protections Features;

DISPLAYS

- AMMETER
- VOLTMETER
- ENGINE COOLANT TEMPERATURE
- ENGINE OIL PRESSURE
- ENGINE RUNNING HOURS
- ENGINE RPM INDICATOR
- ENGINE FREQUENCY
- BATTERY VOLTAGE WARNING
- BATTERY VOLTAGE
- EMERGENCY STOP PRESSED
- MAINTAINANCE WARNING
- FUEL LEVEL

PROTECTIONS

- LOW OIL PRESSURE
- HIGH COOLANT TEMPERATURE
- OVER LOAD
- OVER VOLTAGE
- UNDER VOLTAGE
- OVER CURRENT
- FAIL TO START
- OVER FREQUENCY
- UNDER FREQUENCY



Microprocessor Engine Controller

Options

- AMF Panels
- Trolley/Truck mounted DG Set
- Distribution Panels

Benefit to Customers

Big on Savings

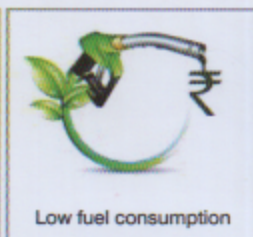
- The most fuel-efficient in its range
- Low operating cost
- Compact size to fit low space criteria in roof-top applications
- High reliability with low maintenance
- Long-run overhauls

Excellent Service Support

- Peace of mind with 24x7 single-window service
- Widest network of genset service dealers
- Well-trained & equipped technicians at all dealer locations
- Multi-ties availability of spare parts & efficient supply chain management
- Advanced communication facilities to deliver prompt response
- Call monitoring system and robust escalation procedure to eliminate pending calls
- Option of AMC/CAMC



BENEFITS OF PARTNERING SUPERIOR TECHNOLOGY



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GENSET MODEL	GENSET DIMENSIONS		
	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
10	1850	1000	1375
12	1850	1000	1375
15	2100	1000	1475
20	2100	1000	1475
25	2100	1000	1475
30	2100	1000	1475
35	2100	1000	1475
40	2400	1150	1475
45	2400	1150	1475
62.5	2800	1150	1525

AUTHORISED DEALER :

Finance option available



ESCORTS

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