

NON STOP POWER FOR NON STOP GROWTH



SILENT GENSETS 7.5KVA TO 45 KVA



GREAT AESTHETICS
EXCELLENT AESTHETICS WITH EASE OF SERVICEABILITY



LOW EMISSIONS
ESCORTS ENGINE POWERED GENSETS ARE ENGINEERED TO QUALIFY THE EMISSION NORMS BY GOVT.



LOW MAINTENANCE
LONGEST SERVICE INTERVAL AND LOW CONSUMABLE PARTS COST.



BEST IN CLASS FUEL ECONOMY
ESCORTS ENGINE POWERED GENSETS OFFER BEST IN CLASS FUEL EFFICIENCY.



FLICKER FREE
DIGITAL VOLTAGE REGULATOR ENSURES FLICKER FREE POWER



* Conditions apply

TECHNICAL SPECIFICATIONS										
DG SET	DG Set Model	RE7.5	RE10	RE14	RE20	RE25	RE30	RE40	RE45	
	Rating (kVA)	7.5	10	15	20	25	30	40	45	
	Canopy Size (L X W X H) mm	1500 X 930 X 1150	1500 X 930 X 1150	2100 x 930 x 1380	2300 x 930 x 1380	2400 x 1030 x 1450	2700 x 1030 x 1450	2700 x 1030 x 1450	2700 x 1030 x 1450	
	Battery (Ah)	88		88/100		100/120		120		
	Starting System	12V DC								
	Weight (Kg)	550	600	750	850	1000	1080	1080	1080	
Fuel Tank Capacity (Litres)	100		150/100		200/130					
ENGINE	Engine Model	G12-II	G12-II	G15-II	G20 -II	G25 -II	G30-II	G40-II	G40-II	
	Engine Power (bhp)	18	18	22	25	33	43	58	58	
	Rated Speed (RPM)	1500								
	No. of Cylinders	2	2	2	3			4	4	
	Bore (mm)	91	91	95	91	91	91	91	91	
	Stroke (mm)	110	110	110	110	110	110	110	110	
	Total Displacement (cc)	1430	1430	1560	2145	2145	2860	2860	2860	
	Lube oil Sump Capacity (Litres)	5	5	5	6.5	6.5	8	8	8	
	Compression Ratio	17.5 : 01								
	Aspiration	Natural				Turbo Charged				
	Cooling System	Water/Coolant								
	Flywheel Housing/Flywheel	SAE3/SAE10								
	FIP	MICO Bosch - Inline Pump, Mech-A1 governing								
Emission Norms	CPCB-II Compliant									
ALTERNATOR	Alternator Make	Stamford/Kirloskar								
	Type	Brushless, H Class Insulation								
	Frequency (Hz)	50								
	Voltage (V)	230/415								
	Winding	2/3 rd Pitch Winding								
	Amperes (A) @ 415 V	10.425	13.9	20.85	27.8	34.75	41.7	55.6	62.55	
Power Factor	0.8									
CONTROLLER	Controller Make	Deepsea Model DSE4510/20 or Procom Model ECON								
	Type	Microprocessor Based, LCD fault display screen, Auto start / Stop Features								
	Display Parameters	Run Time Hours, Current, Voltage, Engine RPM, Frequency, Engine Temperature & Oil Pressure, Battery V, Service Due Hours, kVA, PF, KW, KWH								
	Modes Available	Automatic/ Semi Automatic								
	DG Protections	Under/Over Voltage, Under/Over Frequency ,Current Unbalance, Over Speed, Overload, RWL, LLOP, HWT, LFL, Charging Alternator/V-belt, Emergency-Off, Service Due Fail To Start Fail To Stop								
MCB/MCCB	SCHNEIDER									

Note: In View of continuous product upgradation & design changes, above specifications & dimensions are subject to change without prior notice

Acoustic Enclosure

- Ease of Access and Serviceability
- Aesthetically designed, weather and sound resistant enclosure
- Specially Designed to meet the stringent and latest MoEF/CPCB 2 norms of less than 75 dBA at 1 meter at 75 % load under free field conditions
- State of The Acoustic Enclosures with UV resistant powder coating can withstand extreme environments.
- Ease of handling with appropriately located center lifting hooks.
- Single Lifting arrangement for easy shifting.
- Inbuilt Silencer.
- Practically located fuel filling point.

Alternator

- Best in Class Efficiency.
- 2/3 pitch winding alternator for better handling of harmonic & unbalanced load.
- Brushless Type and Class H insulation.
- Kirloskar Electric/ Stamford Alternators.
- Self-excited, self-regulated Single Bearing, Brushless & Continuous Duty.
- Protection Degree IP21/IP23.

Engine

- Escorts Engine: Setting new performance standards.
- State of the art ADI (Advanced Direct Injection Technology).

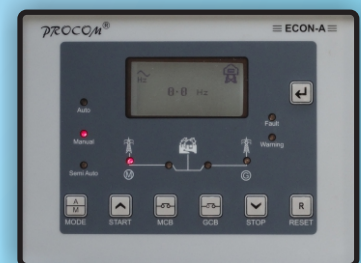


- Plateau honed wet liners for low lube oil consumption.
- Designed for 100% continuous operation and longer service interval.
- Class A1 governing with 45 regulations that gives stable operation in fluctuating load conditions.
- Extremely Low Vibration.
- Efficient Cooling mechanism and no frequent top ups.

- Complies with CPCB II Norms.
- Designed to provide uninterrupted power supply
- Low Maintenance, Highly reliable and highly fuel efficient.

Controller

- Microprocessor based.
- LCD Fault and DG Set Parameters display screen.
- Best in class DG Set Monitoring and Protection features.



- Available as Automatic and Semi-Automatic.
- Inbuilt Safety Features like HWT, LLOP, LFL, CHF & RWL.

MANUFACTURED BY:

AUTHORIZED GOEM | 

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