

Technical Specifications

DG Set Model : WDL7500E					
S.No.	Description	Value	S.No.	Description	Value
1	Engine	ESCORT S (G-12-II)	16	Current Transformers	Available
2	Capacity	7.5KVA	17	Aluminium bus bars of suitable capacity with incoming and outgoing terminations	Available
3	Phase	Single / Three	18	Instrument fuses	Available
4	Fuel	Diesel	19	Microprocessor based genset controller for metering, monitoring, protecting and electronic governing of the engine	Available
5	No. of Cylinders	2	20	Genset metering parameters like lube oil pressure, coolant temperature, engine speed (rpm), run hours, DC voltage, intake manifold temperature (wherever applicable), Output-230V, frequency, kW, kVA, power factor	Available
6	Engine Cooling	Water/Liquid	21	Engine protection for low lube oil pressure, high coolant temperature (alarm and shutdown)	Available
7	Conforming to ISO 3046 / BS 5514	BS 5514	22	Alternator protection parameters like under voltage, over voltage, over frequency, over current, under frequency	Available
8	Starting motor	Electric, by charging alternator	23	Auto/manual start/ stop	Available
9	Self-excited, self-regulated	Self-excited, self-regulated	24	Remote monitoring capability	SNMP based
10	Voltage regulator	Automatic	25	Operating temperature range	0-60 degrees C and humidity up to 95%
11	Fuel tank capacity	Min. 10 Liters	26	Acoustic enclosure specially designed to meet stringent MOEF/ CPCB norms of 75% load under free field conditions	Meeting CPCB Norms
12	Battery	12 V dry, uncharged batteries with connecting leads and terminals	27	Canopy Painting	Powder coated with UV resistant powder coating, can withstand extreme environment
13	Protection	MCCB /ACB with overload and short circuit protection	28	Engine: Heavy duty air cleaner, lube oil / coolant heater with thermo static switch	Available
14	Switches & Meters	Voltmeter and ammeter with selector switch, KW / PF meters, Frequency meter, kWh meter	29	Alternator: Thermistors, PIMG excitation, space heater	Available
15	Indicating lamps	Available for "Load On" and "Set Running"	30	Microprocessor based governing, regulation, metering, monitoring and auto synchronizing control system. AMF control panel, battery charger, remote/ auto start panel, auto/manual synchronizing panel and audio/ visual annunciation for faults.	Available on specific requirement of customer/buyer

Escorts Silent DG Sets. The most advanced in its class.

Smart Operations

- Microprocessor-based auto-start controller for AMF operation
- Remote start and stop facility
- In-built event log (optional)

Environment-friendly

- Less noise with low vibrations
- Cleaner emissions - Meets CPCB norms

Safe-to-use

- In-built safety features like HWT¹, LLOP², LFL³, CHF⁴ & RWL⁵
- Equipped with fire retardant foam

Versatile

- Compact size
- Easy access to all service points

¹HWT: High Water Temperature, ²LLOP: Low Lube Oil Pressure, ³LFL: Low Fuel Level, ⁴CHF: Charging Failure, ⁵RWL: Radiator Water Level



DUE TO CONTINUOUS PRODUCT IMPROVEMENTS, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE



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Corporate office : 13, 14 Raja Garden New Delhi - 110015

Works : Billan Wali Road, Distt. Solan (H.P.), India

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