

# Durable | Robust | Built to Last



## ESCORTS ENGINES

### Setting New Performance Standards:

- State-of-the-Art ADI\* Technology for unmatched power & diesel economy.
- Plateau-honed wet liners for low lube oil consumption.
- Designed for 100% continuous operation & longer service intervals.
- Class A1 governing with 45 regulation that gives stable operation in fluctuation load conditions.
- Efficient cooling mechanism and no frequent top-ups.

**Escorts silent DG sets. The most advanced in its class.**

### Smart Operations

- Microprocessor based auto-start controller for AMF operation
- In built event log (Optional)

## Environment-Friendly

- Less noise with low vibrations
- Cleaner emissions

## Safe-to-use

- In-built safety features like HWT, LLOP, LFL, CHF & RWL
- Equipped with fire-retardant form

## Versatile

- Compact
- Compatible with any AMF/PIU logic controller



HWT1: High Water Temperature, LLOP2: Low Lube Oil Pressure, LFL3: Low Fuel Level

CHF4: Charging Failure, RWL5: Radiator Water Level

+Advanced Direct Injection

## Technical Specification

DG Set Model	PEKL-7.5/10	PEKL-15	PEKL-20	PEKL-25/30	PEKL-35/40/45	PEKL-62.5/70
Rating (KVA)	7.5/10	15	20	25/30	30/40/45	75/70/62.5
Canopy Size(LxWxH)mm	1500x950x1300	1950x950x1300	2300x930x1380	2400x1030x1450	2500x1050x1450	2800x1050x1500
Battery (Ah)		88/100	88/100	100/120	100/120	120
Starting System						
Weight (kg)	600	750	850	1000	1080	1200
Fuel Tank Capacity (Ltrs)	95	100	100	100	130	150
Engine Model	G12-II	G15-II	G20-II/G30-II	G25-II	G40-II	G62.5-II
Engine Power (bhp)	18	22	25	33/43	58	88
Rated Speed (RPM)	1500					
No. of Cylinders	2	2	3	3	4	4
Bore (mm)	91	95	91	91	91	98
Stroke (mm)	110	110	110	110	110	122
Total Displacement (cc)	1430	1560	2145	2145	2145	3680
Lube Oil Sump Capacity (Ltrs)	5	5	6.5	6.5	8.5	8.5
Compression Ratio	17.5 : 01					
Aspiration	Natural			Turbo Charged	Turbo Charged Inter Cooled	
Cooling System	Water/Coolant					
Flywheel (Housing/Flywheel)	SAE3 / SAE10					
FIP	MICO BOSCH - Inline Pump, Mech -Governing					
Emission Norms	CBCP-II Compliant					
Alternator						
Type	Brushless, H Class Insulation					
Frequency (Hz)	50					
Voltage (Volts)	230/415					

\*\*Due to continuous product improvements, specifications are subject to change without prior notice.



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