



DATA SHEET

Diesel
Generators

ECOPACK



Cooper diesel generators are high specification products designed to provide superior performance and reliability. They are powered by technology leading Cooper water cooled 4 stroke engines designed by Ricardo (UK) and feature common rail direct injection, overhead camshafts and 4 valves per cylinder that provides the following benefits:-

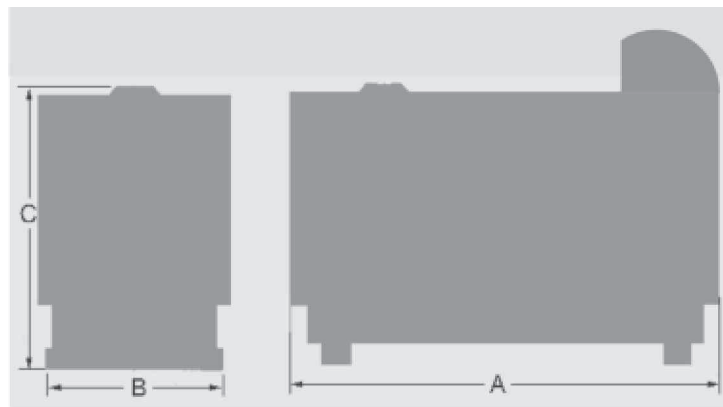
- High operating efficiency (up to 15% less fuel consumption)
- Compact dimensions and low weight
- Reduced maintenance costs
- Silent operation
- Reduced emissions

All units are close coupled to Stamford or Mecc Alte alternators and skid mounted with integral fuel tank and content gauge. The generator design incorporates a sound and weather proof enclosure specifically designed for very low noise operation.

Each generator is fitted with a control unit that features AC output circuit breaker, alarm indicator lamps, hour meter and a combined digital meter for frequency, current and voltage. The controls provide for automatic shut down under low engine oil pressure, high engine temperature and over speed with warning indicator lamps provided.

TECHNICAL DATA

GENERATOR MODEL		CDA-15	CDA-20	CDA-30	
Prime/Standby Power Output	kVA	15/17	20/22	30/33	
	kW	12/13	16/18	24/26	
Engine Data	Type	2A2D1C-15	2A2D1C-19-20	2A2D1A-30	
	Speed (rpm)	1500		3000	
	Power at rated speed (kW)	16	18.8	31	
	Aspiration	Turbo charged after cooled			
	No. of cylinders	2			
	Displacement (L)	1.2			
	Fuel Consumption (litres/hr)	75% load	2.7	3.5	5.9
		100% load	3.6	4.6	7.6
	Fuel Tank Size (litres)	75			
Lube Oil Capacity (litres)	4.5				
Alternator Data	Alternator Type	4 Pole Self Excited	2 Pole Brushless Self Excited		
	Output Voltage	3x415V			
	Voltage Regulation	AVR ± 1.0%			
	Insulation Class	H			
	Protection Rating	IP23			
Dimensions & Weights	Length, A (mm)	1950			
	Width, B (mm)	950			
	Height, C (mm)	1300			
	Dry Weight (kgs)	700	725	725	
Noise Level (dBA @1m)		66.5	71.5	73.5	



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