



DGC

**Prime Power
Diesel Generators**



Dayliff DGC Cummins generators are robust, high quality units designed for continuous duty in a wide range of power supply applications. All sets offer the following features:-

- Powered by dependable and efficient Cummins water cooled diesel engines.
- Close coupled at 1500rpm to a brushless single bearing alternator with solid state AVR regulation.
- Base frame mounted on anti-vibration mounts and including a high capacity base mounted fuel tank for extended operation periods.
- Powder coated sound and weather proof canopies with residential silencer for extremely low noise operation.
- Integral DSE digital control module that provides selectable readout of electrical voltage, phase current, output frequency and battery voltage and engine speed, hours run, oil pressure and coolant temperature.
- Automatic shut down protection in the event of low engine oil pressure, high engine temperature and over and under speed with warning indicators provided for each condition.
- Digital automatic mains failure provision for starting the generator. An additional automatic transfer switch is also required for mains/generator power transfer.

Dayliff DGC diesel generators are reliable economical and high specification products that are the ideal solution for all continuous duty and standby power generating requirements.

TECHNICAL DATA

GENERATOR MODEL		DGC 45C	DGC 64C	DGC 80C	DGC 104C	DGC 144C	DGC 200C	DGC 250C	DGC 280C	
Prime/Standby Power Output	kVA	56/63	80/88	100/110	130/143	180/200	250/275	313/350	350/375	
	kW	45/50	64/70	80/88	104/114	144/158	200/220	250/280	280/300	
Engine Data	Type	Cummins 4BTA3.9-G2	Cummins 4BTA3.9-G11	Cummins 6BT5.9-G2	Cummins 6BTAA5.9-G2	Cummins 6CTA8.3-G2	Cummins NT855-GA	Cummins NTA855-G1B	Cummins NTA855-G2A	
	Rated Power @ 1500rpm (kW)	55	70	86	120	180	231	284	310	
	Max Power @ 1500rpm (kW)	50	80	92	130	163	254	321	313	
	Aspiration	Turbo charged & Aftercooled								
	No. of cylinders	4			6					
	Displacement (L)	3.9			5.9		8.3	14		
	Fuel Consumption (litres/hr)	75% load	10	13.2	17	23	30	41.3	54.3	54.9
100% load		12.9	17.6	22	30	40	53.4	71.4	71.9	
Fuel Tank Size (litres)	130		280		330	770				
Dimensions & Weights	Length, A (mm)	2300		2800			4200			
	Width, B (mm)	1100			1500					
	Height, C (mm)	1290		1470	1800		2100			
	Dry Weight (kgs)	1320	1410	1600	1700		4050	4250	4300	