



**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	