



**DGJ**

**Prime Power  
Diesel Generators**



Dayliff DGJ Perkins powered 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 Perkins (UK,USA) water cooled diesel engines.
- Close coupled at 1500rpm to a brushless single bearing MECC ALTE (UK) or LEROY SOMER 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 time.
- Powder coated sound and weather proof canopies with residential silencer for extremely low noise operation. (80dBA @3m)
- 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. Remote monitoring is available as an option.
- 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 Perkins 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		DGJP07	DGJP12	DGJP16	DGJP24	DGJP36	DGJP48	DGJP64	DGJP80	DGJP108	
Power Output Prime/Standby	kVA	9/10	15/16.5	20/22	30/33	45/50	60/66	80/88	100/110	135/150	
	kW	7/8	12/13.2	16/18	24/26	36/40	48/52.8	64/70.4	80/88	108/120	
Engine Data	Perkins Model	403A-11G1	403A-15G2	404A-22G1	1103A-33G	1103A-33TG1	1103A-33TG2	1104A-44TG2	1104C-44TAG2	1106A-70TG1	
	Power @ 1500rpm (kW)	9	14	19	29	42	55	73	94	123	
	Aspiration	Natural				Turbocharged					
	No. of cylinders	3	3	4	3			4		6	
	Displacement (L)	1.1	1.5	2.2	3.3			4.4		7	
	Fuel Consumption (litres/hr)	75% load	2	3.1	4	5	8	10	14	17	23
100% load		3	4	5.3	7	11	14	19	23	30	
Fuel Tank Size (L)	51			85			110		260		
Alternator Data	Alternator Type	Self excited 4 pole (1500rpm) single bearing, brushless									
	Output Voltage	3x415V									
	Voltage Regulation	AVR±0.5% with 4% engine governing									
	Insulation Class	H									
	Protection Rating	IP23									
Dimensions & Weights	Length, A (mm)	1910			2220			2300	2770	3520	
	Width, B (mm)	860			970			1110			
	Height, C (mm)	1270			1490			1590		1870	
	Dry Weight (kg)	740	750	820	1080	1250	1340	1440	1630	2300	