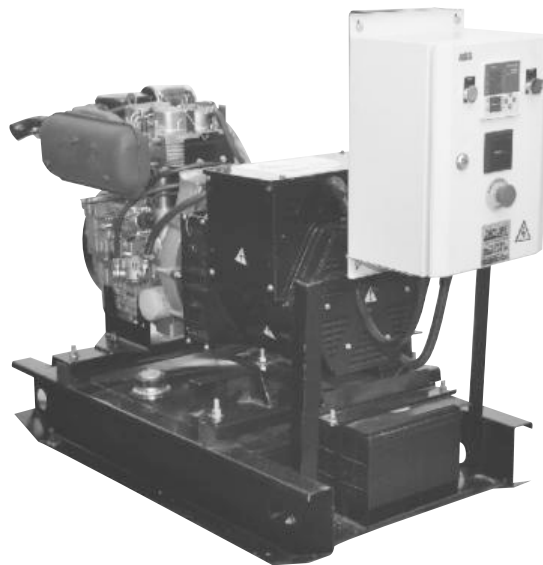


DAYLIFF

DATA SHEET

Diesel
Generators

DGK



DAYLIFF DGK Kohler diesel generators are available in high speed and low speed configuration. High speed units are well suited for standby application where maximum power is required intermittently. Low speed units are suitable for continuous duty in prime power applications.

All models feature naturally aspirated, advanced technology air cooled Kohler engines close coupled to high efficiency alternators. The generators are mounted on a robust base frame that incorporates anti-vibration mounts and a high capacity fuel tank with level indicator. Open and closed versions are available.

All models are fitted with a standard control unit featuring output MCB, on-off switch, start button, emergency stop button, hour meter, and a digital display which shows current, voltage, power factor ($\cos \phi$), frequency, active, reactive, and apparent power. All generator engines incorporate warning lamp indicators for low engine oil pressure and high engine temperature.

Also available is an advanced DAYLIFF Master control panel that, in addition to all features available in the standard control panel, incorporates an Automatic Mains Failure (AMF), and a trickle charger all in a single enclosure.

DAYLIFF DGK Kohler diesel generators are efficient, robust and high quality units that offer exceptional output for their size and provide the ideal solution for all standby and off grid prime power supply requirements.

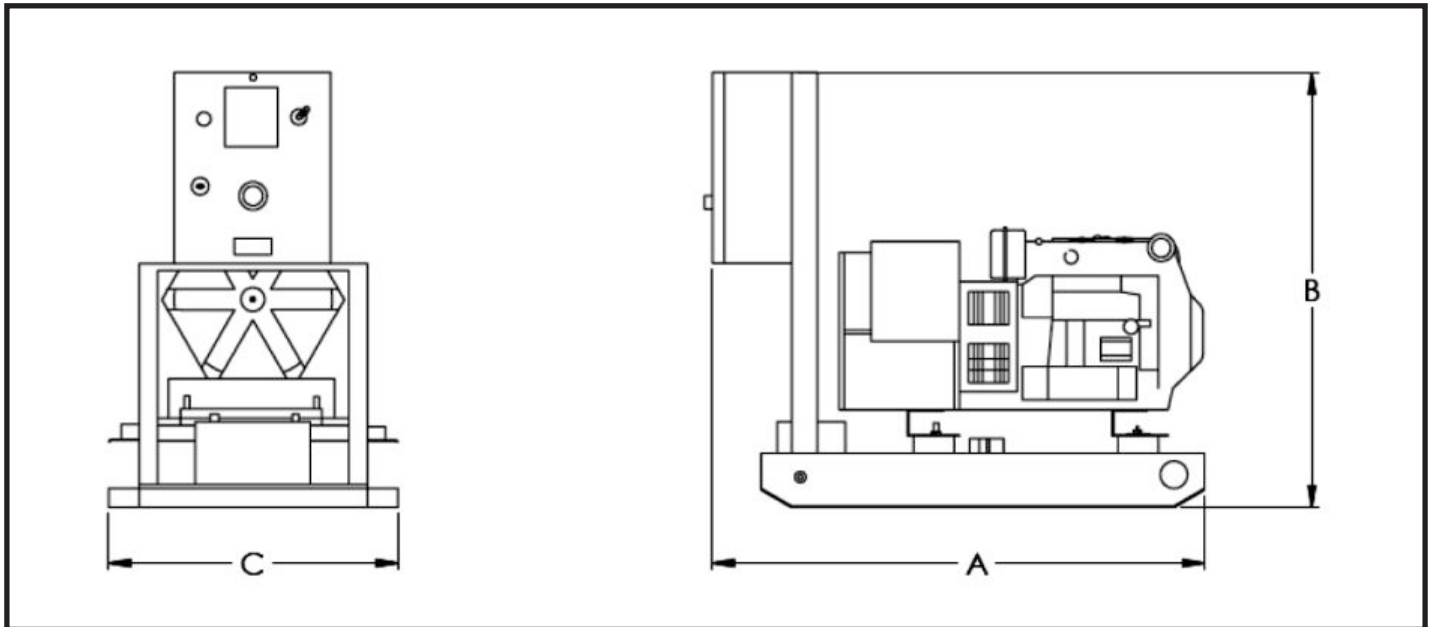
DGKK7-T4 and DGK11-M2 can be wired to give power in single phase which is 65% of the three phase power.

TECHNICAL DATA

GENERATOR MODEL		1500rpm			3000rpm		
		DGK7-T4	DGK10-T4	DGK15-T4	DGK13-T2	DGK19-T2	DGK28-T2
Power Output Continuous/Standby	kVA	7/7.4	10/11	15/16.5	11.4/12.5	19/20.9	28/30.8
	kW	5.5/6.2	8/8.8	12/13.2	9.1/10	15/16.5	22.3/24.5
Engine Data	Type	KD477/2	KD625/2	KD626/3	KD477/2	KD625/2	KD626/3
	Power (kW/BHP)	6.5(8.7)	9.3(12.5)	16.9(22.7)	13.8(18.4)	17.1(22.9)	27(36.2)
	Capacity (cc)	954	1248	1870	954	1248	1870
	No. of cylinders	2	2	3	2	2	3
	Fuel Consumption (l/hr)	1.9	2.5	4.5	3.9	5.3	9.1
	Fuel Tank Size (litres)	60	110	110	60	110	110
Alternator Data	Output Voltage	3x415V;PF 0.8					
	Alternator Type	Self Exciting, Brushless, Single Bearing, AVR					
Dimensions & Weights	Length, A (mm)	1200	1400	1400	1200	1400	1400
	Width, B (mm)	500	600	600	500	600	600
	Height, C (mm)	800					
	Dry Weight (kg)	250	290	360	250	290	360

Power Supply: All outputs are standard three phase supply though can be configured to single phase at reduced outputs.

Derating: Given outputs are sea level ratings. Sets should be derated at 1% for every 100m higher than 100m above sea level, and 2% for every 5°C temperature above 20°C.



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