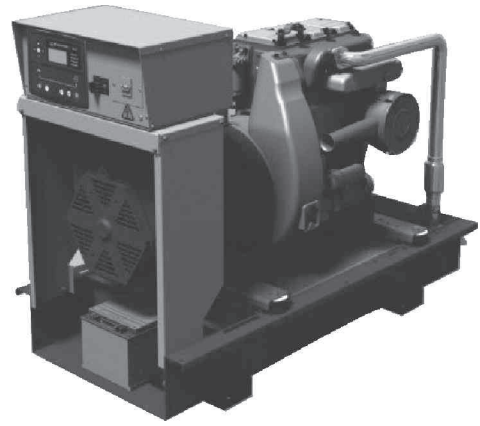
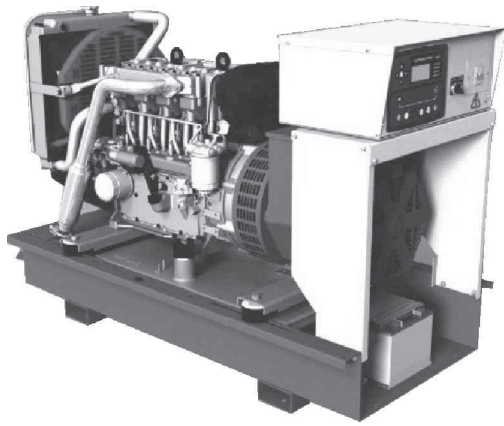


KOHLER®

DATA SHEET

Diesel
Generators

KD



Dayliff DGK Kohler diesel generators are specifically designed for continuous duty in a wide range of power supply applications.

All models feature low speed advanced technology naturally aspirated Kohler engines. Power is generated by modern design high efficiency alternators rigidly coupled to the engine and mounted on anti-vibration mounts on a strong base frame that incorporates a high capacity fuel tank with cap level indicator. Open and closed types are available.

Single phase as well as three phase models are fitted with a standard control unit featuring circuit breaker and a digital control module that provides for shut down protection in the event of low engine oil pressure, high engine temperature and over/under speed with warning indicators. In addition, the control module provides digital readout for voltage, phase current, output frequency, battery voltage, engine speed, run hours, oil pressure and coolant temperature. Also available is an automatic mains failure start option including changeover contactor, trickle charger and a control module as described above.

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

TECHNICAL DATA

Generator Model		DGK5M	DGK5T	DGK8	DGK12	
Power Output (Continuous Operation)	kVA	7.4	7.4	10.7	16.1	
	kW	5.5	5.5	8	12	
Engine Data	Type	KD477.2	KD477.2	KD625.2	KD626.3	
	Power (kW/BHP)	1500rpm	7.2 (9.7)		9.7 (13.0)	14.7 (19.7)
	Cooling Medium	Air				
	Aspiration	Natural				
	No. of cylinders	2		3		
	Starting Method	Electric				
	Fuel Consumption	g/kWhr	237		230	222
l/hr		2.0		2.7	3.9	
Fuel Tank Size (litres)	80		95			
Alternator Data	Alternator Type	SLG 164A		SLG 164B	SLG 164D	
	Output Voltage	1x240V	3x415V			
	Voltage Regulation	Brushless self-excited, Single bearing				
	Insulation Class	H				
	Protection Rating	IP21				
Dimensions & Weights	Length (mm)	1200		1400		
	Width (mm)	500		600		
	Height (mm)	800		800		
	Dry Weight (kgs)	250		290	360	

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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