



## DGK70B Specifications

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<b>Alternator</b>	Generator Type		Revolving Field Brushless AC	
	Rated Output		kVA 70	
			kW 56	
	Voltage – Three phase		V 240, 480	
	Voltage – Single phase		V 120, 139, 240, 277	
	Amps	Single phase - 120V		A 155.5 (4 wire), 168x2(Zig-zag)
		Single phase - 240V		A 77.8 (4 wire), 168(Zig-zag)
		Three phase - 240V		A 168
		Three phase - 480V		A 84
	Frequency		Hz 60	
	Rated speed		rpm 1800	
	Winding		3-phase, 4-wire Star with neutral / Zig-zag	
	Power factor		.8	
	Insulation class		H	
Excitation		Static excitation (brushless)		
No. of poles		4		
<b>Engine</b>	Type		Vertical Water-cooled 4cycle Diesel Engine	
	Model (Manufacturer)		4BG1T (ISUZU) EPA2	
	No. of Cylinders (bore x stroke)		(in./mm) 4 (4.13 x 4.92/105 x 125)	
	Continuous rated output		hp 82	
	Rated speed		rpm 1800	
	Displacement		<b>Cu .in./liters</b> <b>264.2/4.329</b>	
	Combustion system		Direct Fuel Injection, Turbo Charger	
	Cooling method		Radiator	
	Lubricating method		Forced lubrication	
	Starting method		Electric	
	Fuel		Diesel	
	Lubricant oil		CD class or higher	
	Fuel tank capacity		<b>gal./liters</b> <b>33/125</b>	
	Fuel Consumption	Full Load	<b>gal./liters</b> <b>4.39/16.6</b>	
		75%	<b>gal./liters</b> <b>3.33/12.6</b>	
		50%	<b>gal./liters</b> <b>2.38/9.0</b>	
		25%	<b>gal./liters</b> <b>1.51/125</b>	
	Lubricant volume		<b>gal./liters</b> <b>3.8/5.7</b>	
Cooling water volume		<b>gal./liters</b> <b>4.5/17</b>		
Starting motor capacity		V-kW 12V, 2.5 kW		
Charging alternator capacity		V-A 12V-60A		
Battery capacity		V-AH 12V-80AH		
<b>Meters</b>	Voltage/Frequency/Amperage/Hour			
<b>Voltage Regulation</b>	Automatic Voltage Regulator			
<b>Shutdowns</b>	Oil pressure, Water temperature		Lamp indication with shutdown	
<b>Warning</b>	Battery charge		Lamp indication	
<b>Unit</b>	Dimensions (L x W x H)		<b>in./mm</b> <b>82.3x34.6x48.8/2090x880x1240</b>	
	Dry weight		<b>lbs./kg</b> <b>2745/1245</b>	
<b>Sound Level</b>	No Load		<b>62 dBA (23 feet)</b>	
	Full Load		<b>65 dBA (23 feet)</b>	

Specifications are subject to change without notice.