



## DGK100B Specifications

<b>Alternator</b>	Generator Type		Revolving Field Brushless AC		
	Rated Output	kVA	100		
		kW	80		
	Voltage – Three phase		V	240, 480	
	Voltage – Single phase		V	120, 240, 277	
	Amps	Single phase - 120V		A	241 x 2 (zigzag)
		Single phase - 240V		A	241 (zigzag)
		Three phase - 240V		A	240
		Three phase - 480V		A	120
	Frequency		Hz	60	
	Rated speed		rpm	1800	
	Winding			3-phase, 4-wire Star with neutral / Zig-zag	
	Power factor			.8	
	Insulation class			F	
Excitation			Static (brushless)		
No. of poles			4		
<b>Engine</b>	Type		Vertical Water-cooled 4-cycle Diesel Engine		
	Model (Manufacturer)		6BG1TC (ISUZU)		
	No. of Cylinders (bore x stroke)		(in./mm)	6 (4.13 X 4.92/105 x 125)	
	Continuous rated output		hp	150.2	
	Rated speed		rpm	1800	
	Displacement		cu. in./liters	396.3/6.494	
	Combustion system			Direct Injection, Turbo, Inter-cooler	
	Cooling method			Radiator	
	Lubricating method			Forced lubrication	
	Starting method			Electric	
	Fuel			Diesel	
	Lubricant oil			CD class or higher	
	Fuel tank capacity		gallons	170	
	Lubricant volume		gallons	5.3	
	Cooling water volume		gallons	5.6	
	Starting motor capacity		V-kW	24V-1, 4.5 kW	
Charging alternator capacity		V-A	24V-30A		
Battery capacity		V-AH	12V (2) -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)		in./mm	113x39.4x55.1/2870x1000x1400	
	Dry weight		lbs./kg	4079/1850	