



<b>DGK60A Specifications</b>					
<b>Alternator</b>	Generator Type		Revolving Field Brushless AC		
	Rated Output		kVA	60	
			kW	48	
	Voltage – Three phase		V	240, 480	
	Voltage – Single phase		V	120, 240, 277	
	Amps	Single phase - 120V		A	133.3 A (4 wire), 150 A x 2 (Zig Zag)
		Single phase - 240V		A	66.7 A (4 wire) 150 A (Zig Zag)
		Three phase - 240V		A	144 A
		Three phase - 480V		A	72 A
	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		
	Model (Manufacturer)		4BG1T (ISUZU)		
	No. of Cylinders (bore x stroke)		(in <sup>3</sup> /mm)	4 (4.1 X 4.9/ 105 X 125)	
	Continuous rated output		hp	79	
	Rated speed		rpm	1800	
	Displacement		in <sup>3</sup> /liters	264/4.329	
	Combustion system			Direct Injection	
	Cooling method			Radiator	
	Lubricating method			Forced lubrication	
	Starting method			Electric	
	Fuel			Diesel	
	Fuel Consumption		gal./liters	3.75/14.19 per hour @ full load	
	Lubricant oil			CD class or higher	
	Fuel tank capacity		gal./liters	33/125	
	Lubricant volume		gal./liters	3.8/14.2	
	Cooling water volume		gal./liters	4.3/16.5	
	Starting motor capacity		V-kW	24V-1, 4.5 kW	
	Charging alternator capacity		V-A	24V-20A	
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	78 x 35 x 49/1990 x 880 x 1240	
	Dry weight		lbs./kg	2681/1261	

Specifications are subject to change without notice.

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