



DGK150D Specifications				
Alternator	Generator Type		Revolving Field Brushless AC	
	Rated Output		kVA 150 kW 120	
	Voltage – Three phase		V 208, 220, 240, 416, 440, 480	
	Voltage – Single phase		V 120, 127, 139, 240, 254, 277	
	Amps	Single phase - 120V		A 361 x 2 (zigzag)
		Single phase - 240V		A 361 (zigzag)
		Three phase – 208 V		A 416
		Three phase - 240V		A 361
		Three phase - 480V		A 180
	Frequency		Hz 50/60	
	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		
Engine	Type		Vertical Water-cooled 4-cycle Diesel Engine	
	Model (Manufacturer)		6HK1TC (ISUZU) EPA-3	
	No. of Cylinders		6	
	Continuous rated output		hp 190	
	Rated speed		rpm 1800	
	Displacement		cu. in./liters 475.4/7.790	
	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 240	
	Lubricant volume		gallons 9.9	
	Cooling water volume		gallons 6.2	
	Starting motor capacity		V-kW 24V-1, 5.0 kW	
Charging alternator capacity		V-A 24V-50A		
Battery capacity		V-AH 12V (2) -100AH		
Meters	Voltage/Frequency/Amperage/Hour			
Voltage Regulation	Automatic Voltage Regulator			
Shutdowns	Oil pressure, Water temperature		Lamp indication with shutdown	
Warning	Battery charge		Lamp indication	
Unit	Dimensions (L x W x H)		in./mm 135.8x48.8x72.81/ 3450x1240x1850	
	Dry weight		lbs./kg 6834/3100	