



DGK25C Specifications

Alternator	Generator Type		Revolving Field Brushless AC Simultaneous 3 Phase – 120/240V 1 Phase	
	Rated Output	kVA	25	
		kW	20	
	Voltage – Three phase	V	208, 240, 480	
	Voltage – Single phase	V	120, 139, 240, 277	
	Amps	Single phase - 120V	A	62.5 X 2
		Single phase - 240V	A	62.5
		Three phase – 208V	A	69 A
		Three phase - 240V	A	60 A
		Three phase - 480V	A	30 A
	Frequency - regulation	Hz	60/50Hz +- 3 to 5 %	
	Rated speed	rpm	1800/1500	
	Winding		Star with Neutral	
	Power factor		.8	
Insulation class		F		
Excitation		Static excitation (brushless)		
No. of poles		4		
Engine	Type		Vertical Water-cooled 4-cycle Diesel	
	Model (Manufacturer)		4LE1 (ISUZU)	
	No. of Cylinders (bore x stroke)	(in ³ /mm)	4 (3.35 X 3.78/85 x 96)	
	Continuous rated output	hp	31	
	Rated speed, 60/50Hz	rpm	1800/1500 rpm	
	Displacement	in ³ /liters	133/2.179	
	Combustion system		Swirl Chambered	
	Cooling method		Radiator	
	Lubricating method		Forced lubrication	
	Starting method		Electric	
	Fuel		ASTEM No. 2 Diesel	
	Fuel Consumption	gal./liters	1.69/6.39 per hour @ full load	
	Lubricant oil		CD class or higher	
	Fuel tank capacity	gal./liters	20.6/78	
	Lubricant volume	gal./liters	2.2/8.5	
	Cooling water volume	gal./liters	2.2/8.2	
	Starting motor capacity	V-kW	12V-2.0kW	
Charging alternator capacity	V-A	12V-20A		
Battery capacity	V-AH	12V / 80AH		
Meters	Voltage/Frequency/Amperage/Hour			
Voltage Regulation	Automatic Voltage Regulator		3 Phase +/- 1.0% 1 Phase +/- 5.0%	
Shutdowns	Oil pressure, Water temperature		Lamp indication with shutdown	
Warning	Battery charge		Lamp indication	
Unit	Dimensions (L x W x H)	in./mm	57x31x45/1440x780x1140	
	Dry weight	lbs./kg	1543/700	
Sound Level	No Load		53 dB(A)	
	Full Load		56 dB(A)	

Specifications are subject to change without notice.

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