



Shown with optional trailer and fuel tank

DGK45C Specifications			
Alternator	Generator Type		Revolving Field Brushless AC
	Rated Output		kVA 45 kW 36
	Voltage – Three phase		V 240, 480
	Voltage – Single phase		V 120, 240, 277
	Amps	Single phase - 120V	A 225 (4-wire)
		Single phase - 240V	A 112.5 (4-wire)
		Three phase - 240V	A 108.3
		Three phase - 480V	A 54.1
	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 excitation (brushless)
	No. of poles		4
Engine	Type		Vertical Water-cooled 4cycle Diesel Engine
	Model (Manufacturer)		4JG1T (ISUZU)
	No. of Cylinders (bore x stroke)		(in./mm) 4 (3.75 x 4.21/95.4 x 107)
	Continuous rated output		hp 57
	Rated speed		rpm 1800
	Displacement		Cu .in./liters 186.7/3.059
	Combustion system		Direct Fuel Injection
	Cooling method		Radiator
	Lubricating method		Forced lubrication
	Starting method		Electric
	Fuel		Diesel
	Lubricant oil		CC class or higher
	Fuel tank capacity		gal./liters 32.8/124
	Fuel Consumption	Full Load	gal./liters 2.75/10.4
		75%	gal./liters 2.06/7.8
		50%	gal./liters 1.48/5.6
		25%	gal./liters .95/3.6
	Lubricant volume		gal./liters 2.6/10
	Cooling water volume		gal./liters 3.4/13
	Starting motor capacity		V-kW 12V, 2.2 kW
	Charging alternator capacity		V-A 12V-50A
	Battery capacity		V-AH 12V-80AH
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 69.7x36.2x53.1/1770x920x1350
	Dry weight		lbs./kg 2513/1140
Sound Level	No Load		53 dBA (23 feet)
	Full Load		56 dBA (23 feet)

Specifications are subject to change without notice.

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