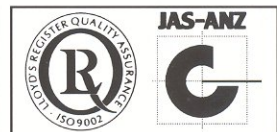


## *KUBOTA J SERIES DIESEL ENGINE GENERATORS*



*Made With You In Mind*

*Output Range: (Single Phase) 8.0kW ~ 12.0kW  
(Three Phase) 10.0kVA (8.0kW)*



ISO 9002 Certified KUBOTA ENGINE PLANTS – SAKAI/TSUKUBA/SAKAI-RINKAI–  
Have also received the german DAR certification.

# Designed to Answer Your Needs

## Ease of Operation

### Compact Design

The advanced design and superior engineering of the J Series has produced a unit with a smaller cabinet size, making it suitable for a wide range of applications where space is a criteria.

### High Output

Due to the engine's vertical design, this direct coupled 2-pole series is capable of producing high output.

### Front Panel Control

Key switch, voltage meter, circuit breaker, and warning lamps are all conveniently gathered on a drip proof control panel.



### Large Capacity Fuel Tank

The larger capacity fuel tank enables longer periods of continuous operation on a single tank of fuel.

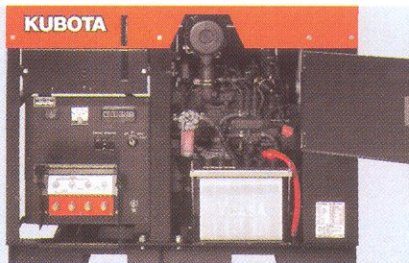
### Enhanced Transportability

A 1-point lifting eye and special forklift openings enhance transportability.

## Easy Maintenance

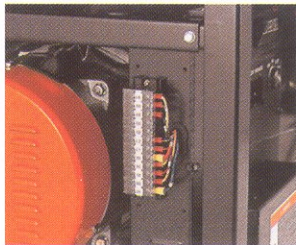
### Dual Element Air Filter

The dual element air filter withstands heavy duty use and provides extra protection when operating in dusty environments.



### Access Terminals for Easy Wiring with AMF Panel or ATS

New access terminals are provided for easy wiring with the automatic start/stop system. These terminals are also for the AMF panel and the Automatic Transfer Switch, provided separately by the user.



## Dependable Power

### Transistor Automatic Voltage Regulator (AVR)

The J Series uses a transistor AVR to ensure a stable power supply for a wide variety of applications.

### A Skewed Rotor & Damper Winding

The waveform distortion is kept to a minimum by the skewed rotor. The damper winding protects the generator during short circuits, regulates voltage fluctuations during condensive loads, and withstands load fluctuations during condensive and non-linear loads.

## Increased Safety

### Emergency Unit

The engine will shut down automatically in the event of loss of oil pressure, increased temperature or fan belt breakage.\*

\* Fanbelt accident prevention is only applicable to the J112 model.

## Specifications

Model	50 Hz		
	Single Phase		3 Phase
	J108	J112	J310

### Output Power

Standby Output	KVA (kW)	8.8 (8.8)	13.2 (13.2)	11 (8.8)
Prime Output	KVA (kW)	8 (8)	12 (12)	10 (8)
Voltage	Single phase	V	240	240
	Three phase		-	-
Rated Amperage	Single phase	A	33.3	50.0
	Three phase		-	-

### Generator

Design	Revolving-field, self/separated excited type AVR generator		
No. of poles	2-pole		
Generator RPM	3000		
Frequency	50		
Power Factor	1.0		0.8
Insulation	Rotor coil; Class F, Stator coil; Class B		
Type of Coupling	Direct coupling		

### Diesel Engine

Kubota Engine Model	D722	D1005	D722
Design	4-cycle Water cooled diesel engine		
Starting system	Electric - 12 volt DC		
Displacement	CC	719	1001
No. of Cylinders		3	3
Bore x Stroke	mm	67 x 68	76 x 73.6
Lubricating Oil	API Service Class CD, CE, CF, 10W30		
Lubricating Oil Capacity	litre (U.S. qts)	3.4 (3.6)	4.3 (4.54)
Coolant Capacity	litre (U.S. qts)	3 (3.17)	3 (3.17)

### Set

Fuel		Diesel fuel No.2 (ASTM D975)		
Fuel Tank Capacity	litre (U.S. gal)	37 (9.77)	79 (20.87)	37 (9.77)
Fuel Consumption	at Full Load	L/h (g/h)	3.15 (1.57)	4.5 (2.24)
	at 3/4 Load	L/h (g/h)	2.63 (1.31)	3.78 (1.88)
	at 1/2 Load	L/h (g/h)	2.18 (1.08)	2.88 (1.43)
Continuous Operating	at Full Load	hours	11.5	17
	at 3/4 Load	hours	13.5	20
	at 1/2 Load	hours	16.5	26.5
Battery	V-Ah/20Hr	12V-45Ah	12V-65Ah	12V-45Ah
Type of Stop Solenoid		Energised-to-Stop	Energised-to-Run	Energised-to-Stop
Sound Level				
Full Load at 7 meter (23 feet)	dB(A)	75.0	76.5	75.0
L x W x H w/o Caster	L	mm (inch)	995 (39.2)	1215 (47.9)
	W	mm (inch)	593 (23.4)	611 (24.1)
	H	mm (inch)	860 (33.9)	922 (36.3)
Approx. Dry Net Weight	kg (lb.)	255 (562)	340 (750)	255 (562)

