



# KUBOTA GENERATORS

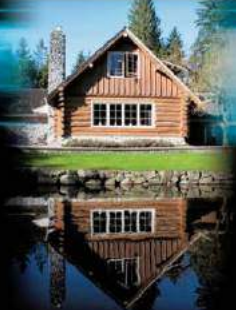
*J SERIES / GL SERIES / KJ SERIES / SQ SERIES*



*GL 9000*



*J 310*



*KJ-T180VX*



*SQ-3300*

## Easy to use anywhere for longer periods of time



### 1. Easy Maintenance

#### Easy One-Side Maintenance

All gauges and filters (except for Z482 and D722's oil filter) are conveniently situated to enhance and simplify daily maintenance.



### 2. Safety

#### Safety Measures

Automatically shuts the engine down if the water temperature is excessive or the oil pressure drops below a safe level, and when the fanbelt breaks.\*

\* Fanbelt accident prevention is only applicable to generators using D1005 and V1305 engines.



#### Removable Cover for Output Terminals

Protective covers are attached on all output terminals to prevent electric shocks.

The number of safety covers has also been increased to prevent entangling accidents.



### 3. Operator Friendly

#### Transportability

One-point lifting eye makes it easy to transport all J series generator.

Special forklift openings are provided in the base of the machine.



#### Longer Continuous Operation

Large-capacity fuel tank enables longer continuous operation on a single tank.

### 4. ATS

#### Access Terminals for ATS Make Wiring Easy

Access terminals for Automatic Transfer Switches (ATS) are located behind the control panel.



# SPECIFICATIONS

*J*  
SERIES



MODEL		Unit	J108	J112	J310
Type		—	Revolving field, AC generator		
Frequency		Hz	50		
Standby Output		kVA (kW)	8.8 (8.8)	13.2 (13.2)	11.0 (8.8)
Prime Output		kVA (kW)	8.0 (8.0)	12.0 (12.0)	10.0 (8.0)
Voltage - Single Phase		V	240		—
Voltage - Three Phase (Rated voltage line to line)		V	—		415
Voltage - Three Phase (Rated voltage line to neutral)		V	—		240
Armature Connection		—	Single		Star
Phase / Wire		—	1/2		3/4
Power Factor		—	1.0		0.8
No. of Poles		—	2		
Insulation		Class	Rotor coil; class F, Stator coil; class B		
Voltage Regulation		%	6.0 (No load to full load)	7.0 (No load to full load)	6.0 (No load to full load)
Type of Coupling		—	Direct coupled		
<b>AMPS</b>					
Single Phase 240V		A	33.3	50.0	—
Three Phase 415V		A	—		13.9
Three Phase 240V		A	—		8.3 x 3
<b>NO. OF RECEPTACLES</b>					
		—	3x15A (240V)	4x15A (240V)	3x10A (240V), 1x20A (415V)
<b>TERMINAL</b>					
Terminal		—	Available		
<b>DIESEL ENGINE</b>					
Type		—	Vertical, water-cooled, 4-cycle diesel engine		
Model		—	D722	D1005	D722
No. of Cylinders		—	3		
Bore x Stroke		mm (in.)	67.0 x 68.0 (2.6 x 2.7)	76.0 x 73.6 (2.99 x 2.90)	67.0 x 68.0 (2.60 x 2.70)
Displacement		LL (cu. in.)	0.719 (43.9)	1.001 (61.1)	0.719 (43.9)
Engine Speed		rpm	3000		
Continuous Rated Output		kW (HP)	10.4 (14.0)	14.4 (19.3)	10.4 (14.0)
Lubricant (API classification)		—	Above CD grade		
Oil Capacity		L (qts.)	3.4 (3.60)	4.3 (4.54)	3.4 (3.60)
Coolant Capacity		L (qts.)	3.0 (3.17)	3.3 (3.49)	3.0 (3.17)
Starting System		—	Electric - 12 volt DC		
<b>SET</b>					
Fuel		—	Diesel fuel No.2 (ASTM D975)		
Fuel Consumption	at Full Load	L/h (gal./h)	3.1 (0.8)	4.6 (1.2)	3.1 (0.8)
	at 3/4 Load	L/h (gal./h)	2.5 (0.7)	3.7 (1.0)	2.4 (0.6)
	at 1/2 Load	L/h (gal./h)	2.1 (0.5)	3.0 (0.8)	2.0 (0.5)
	at 1/4 Load	L/h (gal./h)	1.6 (0.4)	2.4 (0.6)	1.6 (0.4)
Fuel Tank Capacity		L (gal.)	37.0 (9.8)	79.0 (20.9)	37.0 (9.8)
Continuous Operation Hours	at Full Load	h	11.8	17.0	12.1
	at 3/4 Load	h	14.7	21.2	15.2
	at 1/2 Load	h	18.0	26.1	18.6
	at 1/4 Load	h	23.1	33.5	23.9
Battery (Ah/5h)		—	12V (36Ah)	12V (55Ah)	12V (36Ah)
Dimensions L x W x H		mm	995 x 593 x 860	1215 x 611 x 922	995 x 593 x 860
		(in.)	(39.2 x 23.3 x 33.8)	(47.8 x 24.1 x 36.3)	(39.2 x 23.3 x 33.8)
Approx. Net Weight		kg (lbs.)	255 (562)	340 (750)	255 (562)
Sound Level (Full Load at 7m [23 ft.])		dB (A)	75	76.5	75
Emergency Stop System		—	In case of abnormal: Oil pressure, water temperature	In case of abnormal:Oil pressure, water temperature, fan belt broken	In case of abnormal: Oil pressure, water temperature

# CONTROL PANEL

**J SERIES**

## ■ Single Phase



## ■ Three Phase



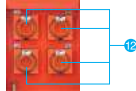
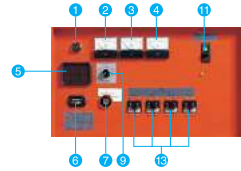
- 1 Hour Meter
- 2 A.C. Voltmeter
- 3 Monitor Lamps
- 4 Key Switch
- 5 Output Terminals
- 6 Circuit Breaker
- 7 Ground Terminal
- 8 A.C. Supplementary Protector
- 9 Output Receptacles
- 10 Pilot Lamp

**GL SERIES**

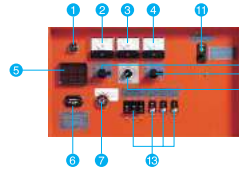


**KJ SERIES**

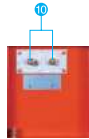
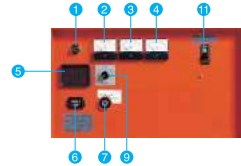
## ■ Single Phase (KJ-S130VX)



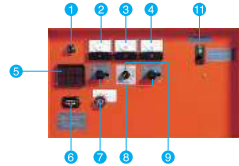
## ■ Three Phase (KJ-T130DX, KJ-T180VX)



## ■ Single Phase (KJ-S240)



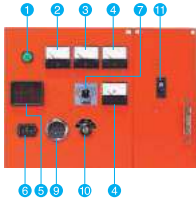
## ■ Three Phase (KJ-T300)



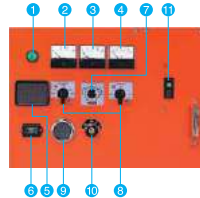
- 1 Pilot Lamp
- 2 A.C. Voltmeter
- 3 Frequency Meter
- 4 A.C. Ammeter
- 5 Monitor Lamps
- 6 Hour Meter
- 7 Key Switch
- 8 Phase Selector Switch
- 9 Voltmeter Adjuster
- 10 Output Terminals
- 11 Circuit Breaker
- 12 Output Receptacles
- 13 A.C. Supplementary Protector

**SQ SERIES**

## ■ Single Phase



## ■ Three Phase



- 1 Pilot Lamp
- 2 A.C. Voltmeter
- 3 Frequency Meter
- 4 A.C. Ammeter
- 5 Monitor Lamps
- 6 Hour Meter
- 7 Voltage Adjuster
- 8 Phase Selector Switch
- 9 Fuel Gauge
- 10 Key Switch
- 11 Circuit Breaker