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KUBOTA GENERATORS

J SERIES / GL SERIES / KJ SERIES / SQ SERIES



GL 9000



J 310

KJ-T180VX



SQ-3300



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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		
AMPS					
Single Phase 240V		A	33.3	50.0	—
Three Phase 415V		A	—		13.9
Three Phase 240V		A	—		8.3 x 3
NO. OF RECEPTACLES					
		—	3x15A (240V)	4x15A (240V)	3x10A (240V), 1x20A (415V)
TERMINAL					
Terminal		—	Available		
DIESEL ENGINE					
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		
SET					
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



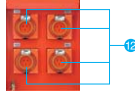
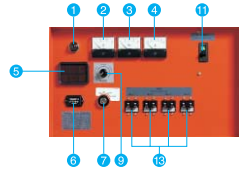
GL SERIES



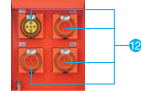
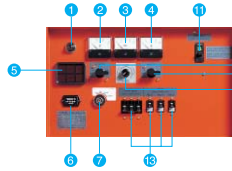
- 1 Hour Meter
- 2 A.C. Voltmeter
- 3 Monitor Lamps
- 4 Key Switch
- 5 Output Terminals
- 6 Circuit Breaker
- 7 Ground Terminal
- 8 A.C. Supplementary Protector
- 9 Output Receptacles
- 10 Pilot Lamp

KJ SERIES

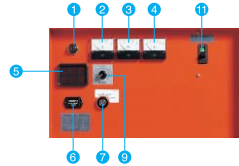
■ Single Phase (KJ-S130VX)



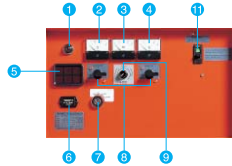
■ Three Phase (KJ-T130DX, KJ-T180VX)



■ Single Phase (KJ-S240)



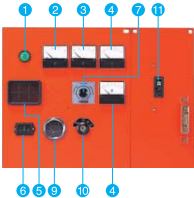
■ Three Phase (KJ-T300)



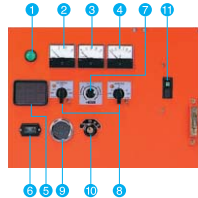
- 1 Pilot Lamp
- 2 A.C. Voltmeter
- 3 Frequency Meter
- 4 A.C. Ammeter
- 5 Monitor Lamps
- 6 Hour Meter
- 7 Key Switch
- 8 Phase Selector Switch
- 9 Voltmeter Adjuster
- 10 Output Terminals
- 11 Circuit Breaker
- 12 Output Receptacles
- 13 A.C. Supplementary Protector

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



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