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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.

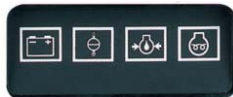


2. Safety

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



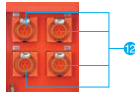
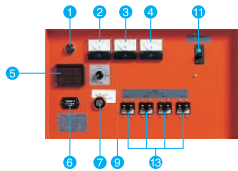
- 1 Hour Meter
- 2 A.C. Voltmeter
- 3 Monitor Lamps
- 4 Key Switch
- 5 Output Terminals
- 6 Circuit Breaker
- 7 Ground Terminal
- 8 A.C. Supplementary Protector
- 9 Output Receptacles
- 10 Pilot Lamp

GL SERIES

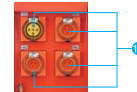
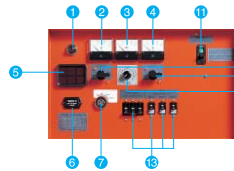


KJ SERIES

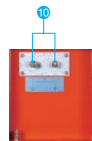
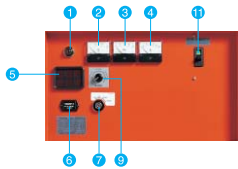
Single Phase (KJ-S130VX)



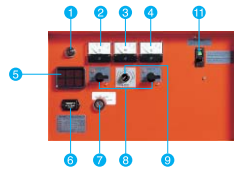
Three Phase (KJ-T130DX, KJ-T180VX)



Single Phase (KJ-S240)



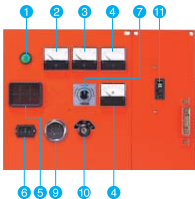
Three Phase (KJ-T300)



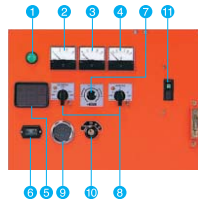
- 1 Pilot Lamp
- 2 A.C. Voltmeter
- 3 Frequency Meter
- 4 A.C. Ammeter
- 5 Monitor Lamps
- 6 Hour Meter
- 7 Key Switch
- 8 Phase Selector Switch
- 9 Voltmeter Adjuster
- 10 Output Terminals
- 11 Circuit Breaker
- 12 Output Receptacles
- 13 A.C. Supplementary Protector

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



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