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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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## Heavy-duty power generation.



### 1. Easy Maintenance

#### Easy One-Side Maintenance

Extra-large swing-up panel makes engine inspection and maintenance quick and easy.

Engine oil and coolant drain extensions are provided to ease regularly scheduled maintenance.

Oil gauge, oil filter, oil replenishment port, fuel filter, water reserve tank, battery and air cleaner are all located on one side.



### 2. Safety

#### Safety Measures

Automatic shutdown of the engine if abnormal condition (abnormal oil pressure or water temperature, broken fan belt).



### 3. Operator Friendly

#### Transportability

Twin-point lifting eyes make it easy to transport all KJ Series generators.

### 4. Quiet

#### Reduced Sound and Vibration

Kubota's inherent low-sound design, a sound-attenuated enclosure which effectively reduces all sound including that of the muffler, and the original E-TVCS combustion system substantially reduces the sound levels.

Integral vibrations are also reduced by inserting rubber pads in critical areas.

Model	Sound level during Rated Output at 7m (23 ft.) [dB(A)]
KJ-S130VX	75.0
KJ-S240	73.0
KJ-T130DX	73.0
KJ-T180VX	75.0
KJ-T300	73.0



### 5. ATS (for KJ-S240 / KJ-T300 only)

#### Access Terminals for ATS Make Wiring Easy

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



# SPECIFICATIONS

*KJ*  
SERIES



MODEL	Unit	KJ-S130VX	KJ-S240	KJ-T130DX	KJ-T180VX	KJ-T300	
Type	—	Revolving field, brushless AC generator					
Frequency	Hz	50					
Standby Output	kVA (kW)	13.8 (13.8)	26.4 (26.4)	13.8 (11.0)	19.8 (15.8)	33.0 (26.4)	
Prime Output	kVA (kW)	12.5 (12.5)	24.0 (24.0)	12.5 (10.0)	18.0 (14.4)	30.0 (24.0)	
Voltage - Single Phase	V	240	240	—	—	—	
Voltage - Three Phase (Rated voltage line to line)	V	—	—	415	415	415	
Voltage - Three Phase (Rated voltage line to neutral)	V	—	—	240	240	240	
Armature Connection	—	Series	Series	Star	Star	Star with neutral	
Phase / Wire	—	1/4	1/4	3/12	3/12	3/12	
Power Factor	—	1.0	1.0	0.8	0.8	0.8	
No. of Poles	—	4					
Insulation	Class	H					
Voltage Regulation	%	3.5 (No load to full load)					
Type of Coupling	—	Direct coupled					
<b>AMPS</b>							
Single Phase 240V	A	52.1	100.0	—	—	—	
Three Phase 415V	A	—	—	17.4	25.0	41.7	
Three Phase 240V	A	—	—	17.4	25.0	—	
<b>NO. OF RECEPTACLES</b>							
56S0315	—	4	—	3	3	—	
56S0532	—	—	—	1	1	—	
<b>TERMINAL</b>							
Terminal	—	N/A	Available	N/A		Available	
<b>DIESEL ENGINE</b>							
Type	—	Vertical, water-cooled, 4-cycle diesel engine					
Model	—	V2203	V3300	D1703	V2203	V3300	
No. of Cylinders	—	4	4	3	4	4	
Bore x Stroke	mm (in.)	87.0 x 92.4 (3.43 x 3.64)	98.0 x 110.0 (3.86 x 4.33)	87.0 x 92.4 (3.43 x 3.64)	87.0 x 92.4 (3.43 x 3.64)	98.0 x 110.0 (3.86 x 4.33)	
Displacement	LL (cu. in.)	2.197 (134.1)	3.318 (202.5)	1.647 (100.5)	2.197 (134.1)	3.318 (202.5)	
Engine Speed	rpm	1500					
Continuous Rated Output	kW (HP)	16.9 (22.7)	26.8 (35.9)	12.7 (17.0)	16.9 (22.7)	26.8 (35.9)	
Lubricant (API classification)	—	Above CD grade	Above CF grade	Above CD grade		Above CF grade	
Oil Capacity	L (qts.)	8.7 (9.2)	13.2 (13.9)	6.3 (6.7)	8.7 (9.2)	13.2 (13.9)	
Coolant Capacity	L (qts.)	7.9 (8.4)	8.2 (8.7)	6.9 (7.3)	7.9 (8.4)	8.2 (8.7)	
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)	5.3 (1.4)	7.7 (2.0)	4.0 (1.1)	5.3 (1.4)	7.7 (2.0)
	at 3/4 Load	L/h (gal./h)	4.6 (1.2)	5.9 (1.6)	3.2 (0.8)	4.6 (1.2)	5.9 (1.6)
	at 1/2 Load	L/h (gal./h)	3.4 (0.9)	4.3 (1.1)	2.5 (0.7)	3.4 (0.9)	4.3 (1.1)
	at 1/4 Load	L/h (gal./h)	2.3 (0.6)	3.2 (0.8)	1.6 (0.4)	2.3 (0.6)	3.2 (0.8)
Fuel Tank Capacity	L (gal.)	37.0 (9.8)	68.0 (18.0)	37.0 (9.8)	37.0 (9.8)	68.0 (18.0)	
Continuous Operation Hours	at Full Load	h	7.0	8.8	9.3	7.0	8.8
	at 3/4 Load	h	8.0	11.5	11.6	8.0	11.5
	at 1/2 Load	h	10.9	15.8	14.8	10.9	15.8
	at 1/4 Load	h	16.1	21.3	23.1	16.1	21.3
Battery (Ah/5h)	—	12V (64Ah)	12V (92Ah)	12V (64Ah)	12V (64Ah)	12V (92Ah)	
Dimensions L x W x H	mm	1488 x 650 x 971	1730 x 805 x 1046	1393 x 650 x 971	1488 x 650 x 971	1730 x 805 x 1046	
	(in.)	(57.0 x 25.6 x 38.2)	(68.1 x 32.7 x 41.2)	(54.8 x 25.6 x 38.2)	(57.0 x 25.6 x 38.2)	(68.1 x 32.7 x 41.2)	
Approx. Net Weight	kg (lbs.)	505 (1113)	710 (1565)	450 (992)	505 (1113)	710 (1565)	
Sound Level (Full Load at 7m [23 ft.])	dB (A)	75	73	73	75	73	
Emergency Stop System	—	In case of abnormal oil pressure or water temperature	In case of abnormal: Oil pressure, water temperature, fan belt broken	In case of abnormal oil pressure or water temperature		In case of abnormal: Oil pressure, water temperature, fan belt broken	

# CONTROL PANEL

**J SERIES**

## ■ Single Phase



## ■ Three Phase



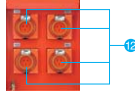
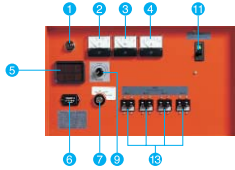
- 1 Hour Meter
- 2 A.C. Voltmeter
- 3 Monitor Lamps
- 4 Key Switch
- 5 Output Terminals
- 6 Circuit Breaker
- 7 Ground Terminal
- 8 A.C. Supplementary Protector
- 9 Output Receptacles
- 10 Pilot Lamp

**GL SERIES**

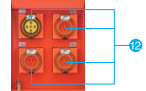
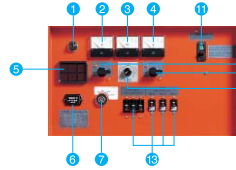


**KJ SERIES**

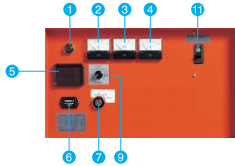
## ■ Single Phase (KJ-S130VX)



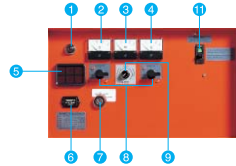
## ■ Three Phase (KJ-T130DX, KJ-T180VX)



## ■ Single Phase (KJ-S240)



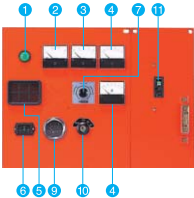
## ■ Three Phase (KJ-T300)



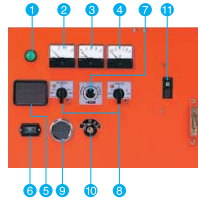
- 1 Pilot Lamp
- 2 A.C. Voltmeter
- 3 Frequency Meter
- 4 A.C. Ammeter
- 5 Monitor Lamps
- 6 Hour Meter
- 7 Key Switch
- 8 Phase Selector Switch
- 9 Voltmeter Adjuster
- 10 Output Terminals
- 11 Circuit Breaker
- 12 Output Receptacles
- 13 A.C. Supplementary Protector

**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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