

J Series



Kubota®

KUBOTA GENERATORS

Easy to use anywhere, for longer period of time...

Kubota, the company that really understand your generator needs, introduces a new line of semi-open type generators packed with more features than comparable models in its class. The J-Series' compact "easy to use anywhere" design permits operation even where space is limited. The combination of a larger capacity fuel tank and Kubota's exceptional fuel efficiency guarantee longer hours of continual electrical energy.



1. Easy Maintenance

Easy One-Side Maintenance



All gauges and oil filters are conveniently situated to enhance and simplify daily maintenance

2. Safety First



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

Removable Cover for Outer Terminals



Protective covers are attached on all output terminals to prevent electric shocks. The number of safety covers has been increased to prevent entangling accidents

3. Super Mini Series Diesel Engine

High performance, incredible fuel efficiency

The Kubota Super Mini Series multi-cylinder, high-power density diesel engine offers high performance paired with incredible fuel efficiency. Available in 2-cylinder and 3-cylinder, features vertical, water-cooled, 4-cycle IDI diesel engine with a capacity of 10.9-16.4 HP.

Longer Continuous Operation

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

4. Operator Friendly



Transportability

One-point lifting eye makes it easy to transport all J series generator. Special forlift openings are provided in the base of the machine

5. Automatic Access Terminal Swith (ATS)



Automatic Access Terminal Swith (ATS) Make Wiring Easy

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


J Series
KUBOTA DIESEL ENGINE GENERATORS Specifications- 60 Hz

MODEL	Unit	J107	J110	J114	J119	J313	J318	J324	
Type	-	Revolving field, AC generator							
Frequency	Hz	60 Hz							
Standby Output	kVA (kW)	7.1 (7.1)	11.0 (11.0)	15.4 (15.4)	20.6 (20.6)	13.7 (11.0)	19.2 (15.4)	25.8 (20.6)	
Prime Output	kVA (kW)	6.5 (6.5)	10.0 (10.0)	14.0 (14.0)	18.8 (18.8)	12.5 (10.0)	17.5 (14.0)	23.5 (18.8)	
Voltage - Single Phase	V	110/220	110/220	110/220	110/220	127	127	127	
Voltage - Three Phase	V	N/A	N/A	N/A	N/A	220	220	220	
Phase / Wire	-	1/3	1/3	1/4	1/4	3/4	3/4	3/4	
Power Factor	-	1.0	1.0	1.0	1.0	0.8	0.8	0.8	
No. of Poles	-	2	2	2	2	2	2	2	
Insulation	Class	Rotor coil; class F, Stator coil; class B							
Type of Coupling	-	Direct coupled							
AMPS									
Single Phase 110v	A	59.1	90.9	63.6 x 2	85.5 x 2	N/A	N/A	N/A	
Single Phase 127v	A	N/A	N/A	N/A	N/A	19.7 x 3	27.5 x 3	37.0 x 3	
Single Phase 220v	A	29.5	45.5	63.6	85.5	N/A	N/A	N/A	
Single Phase 240v	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Three Phase 220v	A	N/A	N/A	N/A	N/A	32.8	45.9	61.7	
Three Phase 380v	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Three Phase 415v	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Terminal									
Terminal		Available							
Diesel Engine									
Type	-	Vertical, water-cooled, 4-cycle diesel engine							
Model	-	Z482	D722	D1005	V1305	D722	D1005	V1305	
No. of Cylinders	-	2	3	3	4	3	3	4	
Bore x Stroke	mm	67.0 x 68.0	67.0 x 68.0	76.0 x 73.6	76.0 x 73.6	67.0 x 68.0	76.0 x 73.6	76.0 x 73.6	
Displacement	L	0.479	0.719	1.001	1.335	0.719	1.001	1.335	
Engine Speed	rpm	3600							
Continuous Rated Output	kW (HP)	8.2 (11.0)	12.3 (16.5)	17.0 (22.8)	22.7 (30.4)	12.3 (16.5)	17.0 (22.8)	22.7 (30.4)	
Lubricant (API classification)	-	above CD grade							
Oil Capacity	L	2.2	3.4	4.3	5.7	3.4	4.3	5.7	
Coolant Capacity	L	2.3	3.0	3.3	3.5	3.0	3.3	3.5	
Starting System	-	Electric - 12 volt DC							
SET									
Fuel	-	Diesel fuel No.2 (ASTM D975)							
Fuel Consumption	at Full Load	L/h (gal./h)	2.7 (0.7)	4.2 (1.1)	5.7 (1.5)	7.5 (2.0)	4.1 (1.1)	5.6 (1.5)	7.5 (2.0)
	at 3/4 Load	L/h (gal./h)	2.2 (0.6)	3.4 (0.9)	4.6 (1.2)	6.0 (1.6)	3.3 (0.9)	4.5 (1.2)	6.0 (1.6)
	at 1/2 Load	L/h (gal./h)	1.8 (0.5)	2.8 (0.7)	3.7 (1.0)	4.9 (1.3)	2.7 (0.7)	3.7 (1.0)	4.9 (1.3)
	at 1/4 Load	L/h (gal./h)	1.5 (0.4)	2.3 (0.6)	3.2 (0.8)	4.2 (1.1)	2.3 (0.6)	3.1 (0.8)	4.1 (1.1)
Fuel Tank Capacity	L (gal.)	37.0 (9.8)	37.0 (9.8)	79.0 (20.9)	79.0 (20.9)	37.0 (9.8)	79.0 (20.9)	79.0 (20.9)	
Cont. Operation Hours	at Full Load	h	13.8	8.8	13.9	10.5	9.1	14.1	10.6
	at 3/4 Load	h	17.2	10.9	17.3	13.1	11.3	17.6	13.3
	at 1/2 Load	h	21.1	13.5	21.2	16.0	13.9	21.6	16.3
	at 1/4 Load	h	24.8	15.8	25.1	18.9	16.4	25.5	19.1
Battery (Ah/5 h)	-	12 V (28 Ah)	12 V (36 Ah)	12 V (55 Ah)	12 V (55 Ah)	12 V (36 Ah)	12 V (55 Ah)	12 V (55 Ah)	
Dimensions L x W x H	mm	923 x 593 x 860	995 x 593 x 860	1215 x 611 x 922	1300 x 611 x 922	995 x 593 x 860	1215 x 611 x 922	1300 x 611 x 922	
Approx. Net Weight	kg	225	225	340	380	225	340	380	
Sound Level (Full Load at 23 ft. [7m])	dB (A)	76	76.5	81.0	82.0	76.5	81.0	82.0	
Emergency Stop System		In case of abnormal: Oil pressure, water temperature							

* Specifications are subject to change without notice.