

## Серия J

### Компактные дизель-генераторы с большим топливным баком

1-но и 3-х фазные дизель-генераторы для продолжительной работы в местах с ограниченной площадью



### Основные характеристики

#### Двигатель

- дизельный двигатель Kubota, вертикальный, 4-х тактный, 2-х, 3-х или 4-х цилиндровый, с жидкостным охлаждением, 3000 об./мин.;
- принудительная смазка под давлением;
- автоматический останов по низкому давлению масла или превышению температуры ОЖ;
- дизельное топливо ГОСТ 305-82.

#### Общие

- пониженный уровень шума;
- большой топливный бак;
- электростартерный запуск.

## Технические характеристики

MODEL	Unit	J-106	J-108	J-112	J-116	J-310	J-315	J-320
Type	-	Revolving field, AC generator						
Frequency	Hz	50						
Standby Output	kVA (kW)	6.0 (6.0)	8.8 (8.8)	13.2 (13.2)	17.6 (17.6)	11.0 (8.8)	16.5 (13.2)	22.0 (17.6)
Prime Output	kVA (kW)	5.5 (5.5)	8.0 (8.0)	12.0 (12.0)	16.0 (16.0)	10.0 (8.0)	15.0 (12.0)	20.0 (16.0)
Voltage - Single Phase	V	220	220	220	220	220	220	220
Voltage - 3 Phase	V	-	-	-	-	380	380	380
Phase / Wire	-	1/2	1/2	1/2	1/2	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						
<b>AMPS</b>								
Single Phase 110V	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Single Phase 127V	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Single Phase 220V	A	25	36.4	54.5	72.7	9.1 x 3	13.7 x 3	18.2 x 3
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	N/A	N/A	N/A
Three Phase 380V	A	N/A	N/A	N/A	N/A	15.2	22.8	30.4
Three Phase 415V	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>TERMINAL</b>								
Terminal	-	Available	Available	Available	Available	Available	Available	Available
<b>DIESEL ENGINE</b>								
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	3000						
Continuous Rated Output	kW (HP)	6.9 (9.3)	10.4 (14.0)	14.4 (19.3)	19.3 (25.9)	10.4 (14.0)	14.4 (19.3)	22.0 (29.5)
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						

MODEL		Unit	J-106	J-108	J-112	J-116	J-310	J-315	J-320
<b>SET</b>									
Fuel		-	Diesel fuel No.2 (ASTM D975)						
Fuel Consumption	at Full Load	L/h (gal./h)	2.2 (0.6)	3.1 (0.8)	4.6 (1.2)	6.1 (1.6)	3.1 (0.8)	4.5 (1.2)	6.0 (1.6)
	at 3/4 Load	L/h (gal./h)	1.7 (0.5)	2.5 (0.7)	3.7 (1.0)	4.9 (1.3)	2.4 (0.6)	3.6 (0.9)	4.8 (1.3)
	at 1/2 Load	L/h (gal./h)	1.4 (0.4)	2.1 (0.5)	3.0 (0.8)	4.0 (1.1)	2.0 (0.5)	2.9 (0.8)	3.9 (1.0)
	at 1/4 Load	L/h (gal./h)	1.1 (0.3)	1.6 (0.4)	2.4 (0.6)	3.1 (0.8)	1.6 (0.4)	2.3 (0.6)	3.1 (0.8)
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)
Continuous Operation Hours	at Full Load	h	17.1	11.8	17.0	12.9	12.1	17.6	13.1
	at 3/4 Load	h	21.3	14.7	21.2	16.2	15.2	22.0	16.4
	at 1/2 Load	h	26.1	18.0	26.1	19.8	18.6	27.0	20.1
	at 1/4 Load	h	33.3	23.1	33.5	25.4	23.9	34.6	25.7
Battery (Ah/5h)		-	12V (28Ah)	12V (36Ah)	12V (55Ah)	12V (55Ah)	12V (36Ah)	12V (55Ah)	12V (55Ah)
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	255	340	380	255	340	380
Sound Level (Full Load at 23 ft. [7m])		dB (A)	74	75	76.5	77.5	75	76.5	77.5
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	In case of abnormal: Oil pressure, water temperature, fan belt broken	