

## CONTROL PANEL

### J SERIES

#### Single Phase

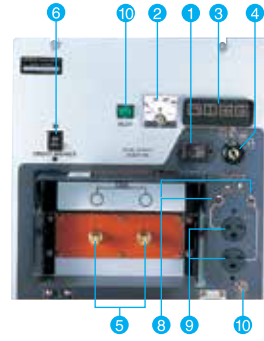


#### Three Phase



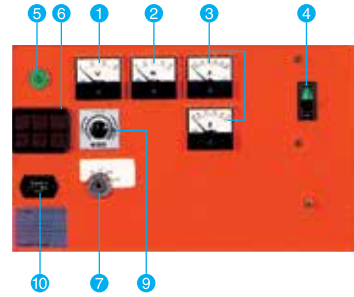
- 1 Hour Meter
- 2 A.C. Voltmeter
- 3 Monitor Lamps
- 4 Key Switch
- 5 Output Terminals
- 6 Circuit Breaker
- 7 Ground Terminal
- 8 Receptacle Protector
- 9 Output Receptacles
- 10 Pilot Lamp

### GL SERIES

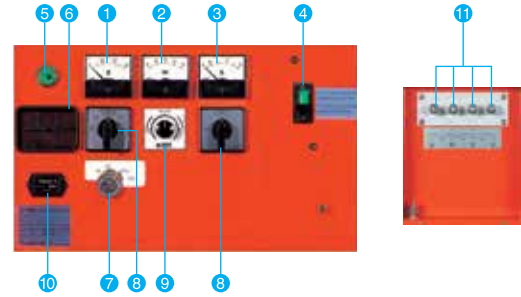


### KJ SERIES

#### Single Phase



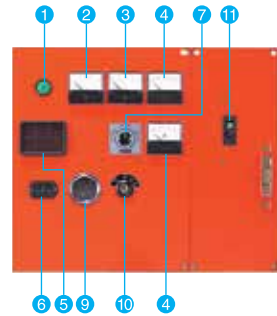
#### Three Phase



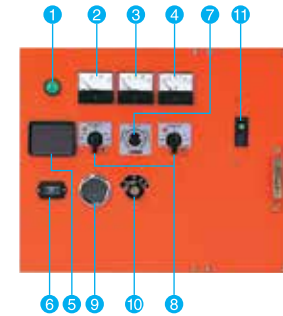
- 1 A.C. Voltmeter
- 2 Frequency Meter
- 3 A.C. Ammeter
- 4 No-Fuse Breaker
- 5 Pilot Lamp
- 6 Monitor Lamps
- 7 Key Switch
- 8 Phase Selector Switch
- 9 Voltmeter Adjuster
- 10 Hour Meter
- 11 Output Terminals

### 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

# KUBOTA 50Hz GENERATORS

J SERIES / GL SERIES / KJ SERIES / SQ SERIES



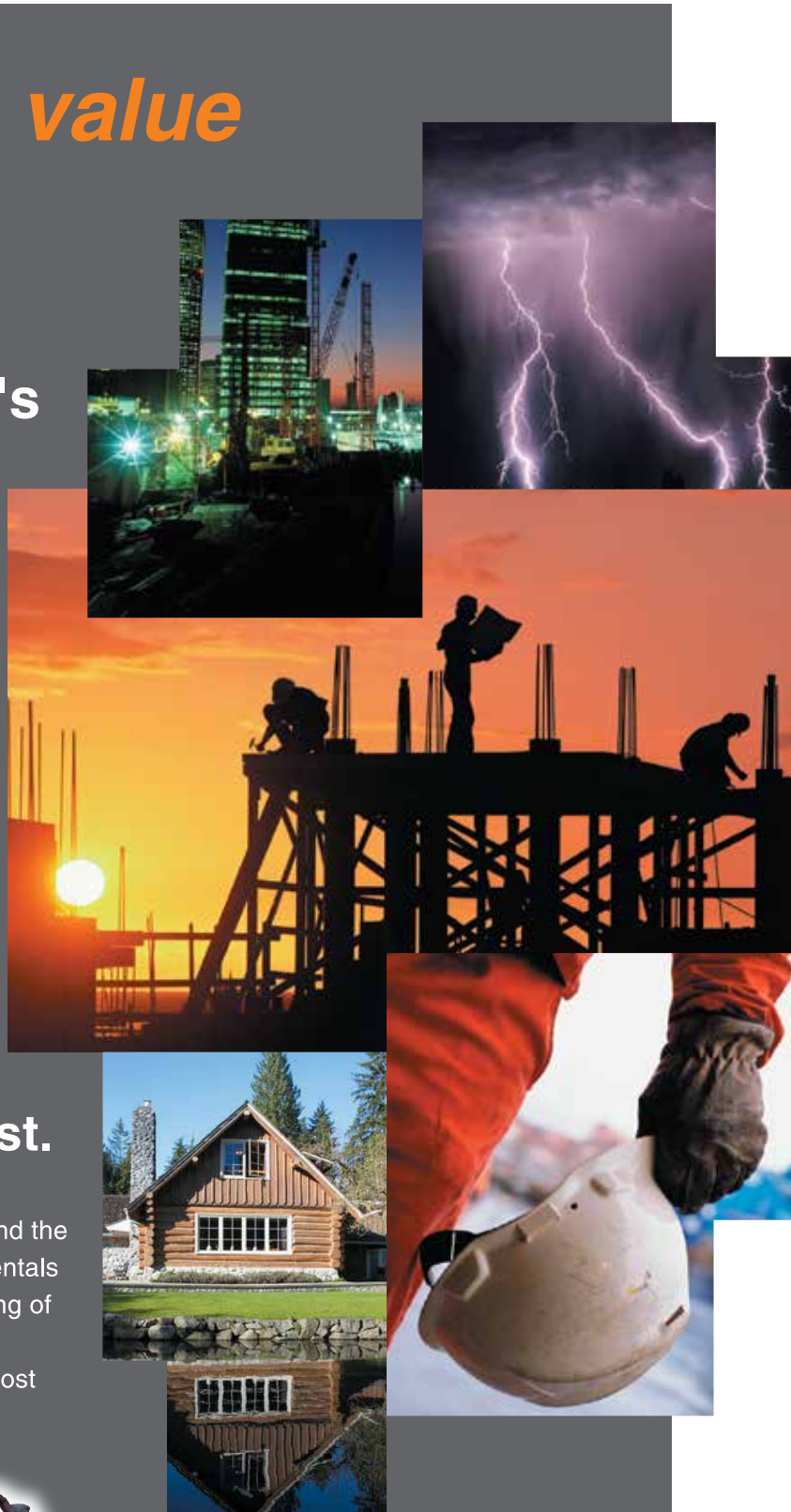
# Everything you value in a generator

The heart of Kubota generators are Kubota's own diesel engines.

Used widely in world-renowned machinery, these sturdily built, one-side-maintenance type diesel engines promise great reliability and service life for almost any application. Kubota is well known as one of the top engine manufacturers in the world, with over 80 years of experience. Reliability is guaranteed when powered by a Kubota engine.

## There's no end to the quest.

What makes Kubota different? High Performance, Energy Efficient, Labor Saving and the Respect for Humanity. These four founding fundamentals remain unchanged at Kubota ever since the beginning of engine production in 1922. Cleaner emissions and the ability to readily match most any engine requirements a customer needs are the results of Kubota engines' comprehensive strength. There's no end to the quest. Challenging spirit is at the core of Kubota technology.



## Kubota Generator Lineup

### J SERIES

- 2-Pole Single-Phase & Three-Phase
- Output Range: 6.5kVA to 23.5kVA



#### Easy to use anywhere for longer periods of time

These semi-open type generators are powered by either a Super Mini or a Kubota 05 Series engine. The series' "easy to use anywhere" design permits operation even in limited space.

The larger capacity fuel tank and its exceptional fuel efficiency guarantee longer hours of continual electrical energy on a single tank of fuel.

#### ● J series Max output (kVA)

J106	5.5
J108	8.0
J112	12.0
J116	16.0
J310	10.0
J315	15.0
J320	20.0

### GL SERIES

- 2-Pole Single-Phase
- Output Range: 6.5kVA to 10kVA



**LOWBOY II**

#### LOWBOY II saves space and the environment.

The LOWBOY II series is designed to have the minimum possible height while using vertical diesel engines. This is achieved by direct coupling of the engine crankshaft with the cooling fan.

Since they require less space for operation, the range of possible applications has been greatly increased.

#### ● GL series Max output (kVA)

GL6000	5.5
GL9000	8.0

### KJ SERIES

- 4-Pole Single-Phase
- Output Range: 12.5kVA to 19.6kVA



#### Heavy-duty power generation

A heavy-duty 4-pole series powered by Kubota 03 and V3 series diesel engines.

Many features have been added to make the KJ Series much quieter, more efficient, and safer to use anywhere, any time.

#### ● KJ series Max output (kVA)

KJ-S130VX	12.5
KJ-T130DX	12.5
KJ-T180VX	18.0
KJ-T300	30.0

### SQ SERIES

- 4-Pole Single-Phase & Three-Phase
- Output Range: 13.5kVA to 33.1kVA



**SUPER QUIET**

#### Satisfied with Quiets? Meet the Super Quiet series!

Kubota's largest yet super quiet, heavy-duty type 4-pole generator series.

The special enclosure with noise absorbing duct, over-sized muffler, extra long air cleaner hose, and quieter cooling fan all add up to its super quiet performance [ 63-65 dB at 7m (23 feet)] at full load.

#### ● SQ series Max output (kVA)

SQ-1120	11.2
SQ-1150	15.0
SQ-3140	14.0
SQ-3200	20.0
SQ-3300	30.0

**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.

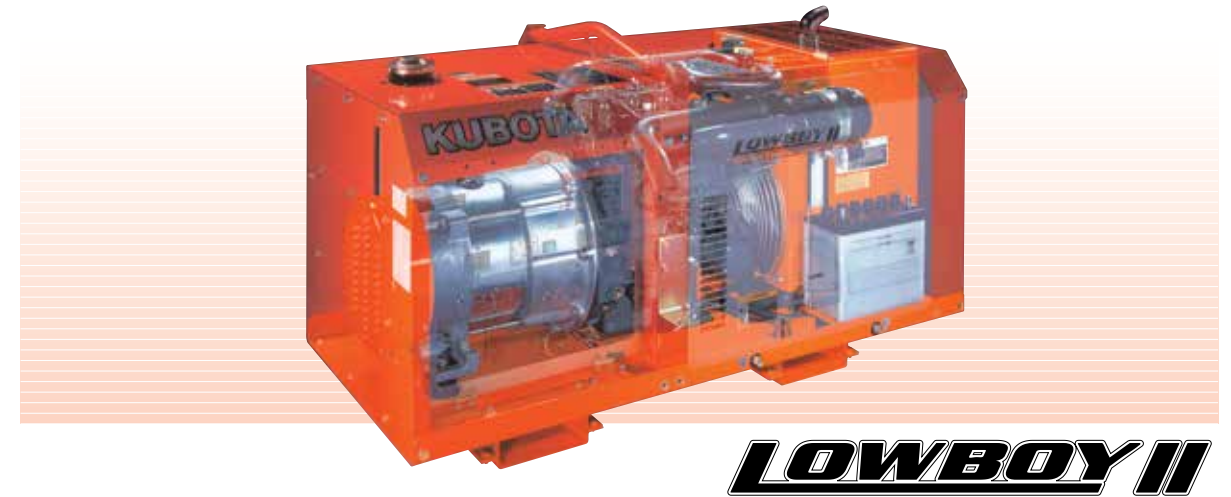
## 4. ATS

### Access Terminals for ATS Make Wiring Easy

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



**LOWBOY II saves space and the environment.**



## 1. Compact Design

### Low Profile and More Compact

The LOWBOY II series is designed to have the minimum possible height while using vertical diesel engines. This is achieved by direct coupling of the engine crankshaft with the cooling fan. Since they require less space for operation, the range of possible applications has been greatly increased.



## 2. Easy Maintenance

### Easy One-Side Maintenance

Large swing-up side panels enables quick and easy engine inspection and maintenance. 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.

## 3. Safety

### Safety Measures

Automatically shuts the engine down if the water temperature is excessive or the oil pressure drops below a safe level. Equipped with a starter safety relay to prevent the starter from engaging after the engine starts up.

### Removable Cover for Output Terminal

Output Terminal is equipped with an output connection cover that will stop the engine immediately when it is opened during operation.



## 3. Safety Double Circuit Protectors

In addition to the overall circuit protector, each receptacle also has a circuit protector that will shut the engine down to prevent overcurrent damages.

## 4. Operator Friendly

### Transportability

One-point lifting eye makes it easy to transport all GL series generators. Special forklift openings are provided in the base of the machine.

### Longer Continuous Operation

Large-capacity fuel tank (28L; 7.4gal) enables longer continuous operation on a single tank.



## 5. Quiet

### Lower Noise Levels

Four separate features help reduce overall noise levels. First, the large-capacity radiator successfully reduces fan-related noise by direct coupling to the crankshaft with a slower-speed fan.

Second, the large-capacity, built-in muffler helps reduce exhaust-related noise. Third, the longer air-cleaner hose reduces air-suction-related noise.

Fourth, the ideally placed inlet vent and its improved design reduce noise coming from the enclosure's opening.

Model	Sound level during Rated Output at 7m (23 ft.) [dB(A)]
GL6000	65.0
GL9000	67.0

## 6. ATS

### Access Terminals for ATS Make Wiring Easy

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



## 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, excessive speed, broken fan belt) or if swing-up panel is opened during operation.



### 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-T130DX	73.0
KJ-T180VX	75.0
KJ-T300	73.0



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

#### Access Terminals for ATS Make Wiring Easy

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



## Satisfied with Quiet? Meet the Super Quiet series!



**SUPER QUIET**

### 1. Super Quiet

#### Over-Sized Muffler

Sound levels have been lowered by an over-sized muffler.

#### Second Muffler (for SQ-3300 only)

A special 2-stage muffler system is used in generators powered by the V3300 to reduce noise even further.

Model	Sound level during Rated Output at 7m (23 ft.) [dB(A)]
SQ-1120	61.0
SQ-1150	63.0
SQ-3140	61.0
SQ-3200	63.0
SQ-3300	64.0



### 2. Easy Maintenance

#### Easy One-Side Maintenance

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 for quick inspection and maintenance.



### 3. Safety

#### Safety Measures

Automatic shutdown of the engine if abnormal condition (abnormal oil pressure or water temperature, excessive speed, broken fan belt) or if load center doors are opened during operation.



### 3. Safety

#### Locking Control Panel Door

Shields instrument panel from the elements and permits observation of all key functions without opening the door.



### 4. Operator Friendly

#### Transportability

One-point lifting eye makes it easy to transport all SQ series generators. Special forklift openings are located on the base of the machine.



#### Longer Continuous Operation

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

### 5. ATS

#### Access Terminals for ATS Make Wiring Easy

Access terminals for Automatic Transfer Switches (ATS) are located behind the left side of load center doors.

# SPECIFICATIONS

**J**  
SERIES



**GL**  
SERIES



MODEL	Unit	J106	J108	J112	J116	J310	J315	J320	GL6000	GL9000	
Type	—	Revolving field, AC generator				Revolving field, AC generator			Rotating field single-phase AC generator		
Frequency	Hz	50				50			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)	6.0 (6.0)	8.8 (8.8)	
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)	5.5 (5.5)	8.0 (8.0)	
Voltage - Single Phase	V	220				220			220		
Voltage - Three Phase	V	—				380			—		
Armature Connection	—	Single				Star with neutral			Series		
Phase / Wire	—	1/2				3/4			1/2		
Power Factor	—	1.0				0.8			1.0		
No. of Poles	—	2				2			2		
Insulation	Class	Rotor coil; class F, Stator coil; class B				Rotor coil; class F, Stator coil; class B			Rotor coil; class F, Stator coil; class B		
Voltage Regulation	%	7.0 (No load to full load)		8.0 (No load to full load)		8.0 (No load to full load)			5.0 (No load to full load)		
Type of Coupling	—	Direct coupled				Direct coupled			Direct coupled		
<b>AMPS</b>											
Single Phase 220V	A	25.0	36.4	54.5	72.7	9.1 x 3	13.7 x 3	18.2 x 3	25.0	36.4	
Three Phase 380V	A	—				15.2	22.8	30.4	—		
<b>NO. OF RECEPTACLES</b>											
6-15R	—	N/A				N/A			2		
<b>TERMINAL</b>											
Terminal	—	Available				Available			Available		
<b>DIESEL ENGINE</b>											
Type	—	Vertical, water-cooled, 4-cycle diesel engine				Vertical, water-cooled, 4-cycle diesel engine			Vertical, water-cooled, 4-cycle diesel engine		
Model	—	Z482	D722	D1005	V1305	D722	D1005	V1305	Z482	D722	
No. of Cylinders	—	2	3	3	4	3	3	4	2	3	
Bore x Stroke	mm (in.)	67.0 x 68.0 (2.6 x 2.7)	67.0 x 68.0 (2.6 x 2.7)	76.0 x 73.6 (2.99 x 2.90)	76.0 x 73.6 (2.99 x 2.90)	67.0 x 68.0 (2.60 x 2.70)	76.0 x 73.6 (2.99 x 2.90)	76.0 x 73.6 (2.99 x 2.90)	67.0 x 68.0 (2.60 x 2.70)		
Displacement	LL (cu. in.)	0.479 (29.2)	0.719 (43.9)	1.001 (61.1)	1.335 (81.5)	0.719 (43.9)	1.001 (61.1)	1.335 (81.5)	0.479 (29.2)	0.719 (43.9)	
Engine Speed	rpm	3000				3000			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)	6.9 (9.3)	10.3 (13.8)	
Lubricant (API classification)	—	Above CD grade				Above CD grade			Above CD grade		
Oil Capacity	L (qts.)	2.2 (2.32)	3.4 (3.60)	4.3 (4.54)	5.7 (6.02)	3.4 (3.60)	4.3 (4.54)	5.7 (6.02)	2.2 (2.32)	3.4 (3.60)	
Coolant Capacity	L (qts.)	2.3 (2.43)	3.0 (3.17)	3.3 (3.49)	3.5 (3.70)	3.0 (3.17)	3.3 (3.49)	3.5 (3.70)	3.7 (3.92)	4.1 (4.35)	
Starting System	—	Electric - 12 volt DC				Electric - 12 volt DC			Electric - 12 volt DC		
<b>SET</b>											
Fuel	—	Diesel fuel No.2 (ASTM D975)				Diesel fuel No.2 (ASTM D975)			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)	2.2 (0.58)	3.2 (0.85)
	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)	1.8 (0.48)	2.5 (0.67)
	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)	1.5 (0.39)	2.1 (0.55)
	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)	1.2 (0.31)	1.8 (0.47)
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)	28.0 (7.4)	28.0 (7.4)	
Continuous Operation Hours	at Full Load	h	17.1	11.8	17.0	12.9	12.1	17.6	13.1	12.0	8.5
	at 3/4 Load	h	21.3	14.7	21.2	16.2	15.2	22.0	16.4	15.6	11.2
	at 1/2 Load	h	26.1	18.0	26.1	19.8	18.6	27.0	20.1	18.7	13.3
	at 1/4 Load	h	33.3	23.1	33.5	25.4	23.9	34.6	25.7	23.3	15.6
Battery (Ah/5h)	—	12V (28Ah)	12V (36Ah)	12V (55Ah)	12V (55Ah)	12V (36Ah)	12V (55Ah)	12V (55Ah)	12V (28Ah)	12V (36Ah)	
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	1066 x 618 x 698	1281 x 618 x 698	
	(in.)	(36.4 x 23.3 x 33.8)	(39.2 x 23.3 x 33.8)	(47.8 x 24.1 x 36.3)	(51.1 x 24.1 x 36.3)	(39.2 x 23.3 x 33.8)	(47.8 x 24.1 x 36.3)	(51.1 x 24.1 x 36.3)	(42.0 x 24.3 x 27.5)	(50.4 x 24.3 x 27.5)	
Approx. Net Weight	kg (lbs.)	225 (496)	255 (562)	340 (750)	380 (838)	255 (562)	340 (750)	380 (838)	235 (518)	295 (650)	
Sound Level (Full Load at 23 ft. [7m])	dB (A)	74	75	76.5	77.5	75	76.5	77.5	65	67	
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		In case of abnormal: Oil pressure, water temperature, or when the access terminal cover is opened	

# SPECIFICATIONS

**KJ  
SERIES**



**SQ  
SERIES**



MODEL	Unit	KJ-S130VX	KJ-T130DX	KJ-T180VX	KJ-T300		SQ-1120	SQ-1150	SQ3140	SQ-3200	SQ-3300	
Type	-	Revolving field, brushless AC generator					Revolving field, brushless AC generator					
Frequency	Hz	50					50					
Standby Output	kVA (kW)	13.8 (13.8)	13.8 (11.0)		19.8 (15.8)	33.0 (26.4)	11.8 (11.8)	16.0 (16.0)	15.4 (12.3)	22.0 (17.6)	33.0 (26.4)	
Prime Output	kVA (kW)	12.5 (12.5)	12.5 (10.0)		18.0 (14.4)	30.0 (24.0)	11.2 (11.2)	15.0 (15.0)	14.0 (11.2)	20.0 (16.0)	30.0 (24.0)	
Voltage - Single Phase	V	110/220	220	240	220	240	-	110/220	110/220	220	220	220
Voltage - Three Phase	V	-	380	415	380	415	380	-	-	380	380	380
Armature Connection	-	Series delta	Star with neutral		Star with neutral		Star with neutral	Series	Series	Star with neutral	Star with neutral	Star with neutral
Phase/Wire	-	1/12	3/12		3/12		3/12	1/4	1/4	3/12	3/12	3/12
Power Factor	%	100	80		80		80	100	100	80	80	80
Number of Poles	-	4	4		4		4	4	4	4	4	4
Insulation	Class	H					H					
Voltage Regulation	%	3.5 (No load to full load)					1.5 (No load to full load)					
Type of Coupling	-	Direct coupled					Direct coupled					
<b>AMPS</b>												
Single Phase 110 V	A	56.8	-	-	-	-	-	50.9 x 2	68.2 x 2	-	-	-
Single Phase 220 V	A	56.8	19.0	-	27.3	-	-	50.9	68.2	12.5 x 3	19.6 x 3	29.5 x 3
Single Phase 240 V	A	-	-	17.4	-	25.0	-	-	-	-	-	-
Three Phase 380 V	A	-	19.0	-	27.3	-	45.6	-	-	21.3	30.4	45.6
Three Phase 415 V	A	-	-	17.4	-	25.0	-	-	-	-	-	-
<b>TERMINAL</b>												
Terminal	-	Available					Available					
<b>DIESEL ENGINE</b>												
Type	-	Vertical 4-cycle liquid cooled diesel engine					Vertical 4-cycle liquid cooled diesel engine					
Model	-	V2203	D1703		V2203	V3300	D1703	V2203	D1703	V2203	V3300	
Number of Cylinders	-	4	3		4	4	3	4	3	4	4	
Bore x Stroke	mm (in)	87.0 x 92.4 (3.43 x 3.64)	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 4.331)	87.0 x 92.4 (3.43 x 3.64)	87.0 x 92.4 (3.43 x 3.64)	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 4.331)
Displacement	L (cu.in.)	2.197 (134.1)	1.647 (100.5)		2.197 (134.1)		3.318 (202.5)	1.647 (100.5)	2.197 (134.1)	1.647 (100.5)	2.197 (134.1)	3.318 (202.5)
Engine Speed	rpm	1500	1500		1500		1500	1500	1500	1500	1500	1500
Continuous Rated Output	kW (HP)	16.9 (22.7)	12.7 (17.0)		16.9 (22.7)		26.8 (35.9)	13.6 (18.2)	18.4 (24.7)	13.6 (18.2)	18.4 (24.7)	26.8 (35.9)
Lubricant (API classification)	-	Above CF grade	Above CF grade		Above CF grade		Above CF grade	Above CF grade	Above CF grade	Above CF grade	Above CF grade	Above CF grade
Oil Capacity	L (qts)	8.7 (9.2)	6.3 (6.7)		8.7 (9.2)		13.2 (13.9)	5.6 (5.9)	7.6 (8.0)	5.6 (5.9)	7.6 (8.0)	13.2 (14.0)
Coolant Capacity	L (qts)	7.9 (8.4)	6.9 (7.3)		7.9 (8.4)		9.5 (10)	5.5 (5.8)	6.3 (6.7)	5.5 (5.8)	6.3 (6.7)	8.2 (8.7)
Starting System	-	Electric - 12 volt DC					Electric - 12 volt DC					
<b>SET</b>												
Fuel	-	Diesel Fuel No. 2 (ASTM D975)					Diesel Fuel No. 2 (ASTM D975)					
Fuel Consumption	at Full Load	L/h (gal/h)	5.3 (1.4)	4.0 (1.1)	5.3 (1.4)	6.9 (1.8)	3.9 (1.0)	5.5 (1.5)	3.8 (1.0)	5.3 (1.4)	7.7 (2.0)	
	at 3/4 Load	L/h (gal/h)	4.6 (1.2)	3.2 (0.84)	4.6 (1.2)	5.1 (1.4)	3.0 (0.79)	4.1 (1.1)	2.9 (0.77)	4.0 (1.1)	5.9 (1.6)	
	at 1/2 Load	L/h (gal/h)	3.4 (0.90)	2.5 (0.66)	3.4 (0.90)	3.6 (0.95)	2.3 (0.61)	3.1 (0.82)	2.2 (0.58)	3.1 (0.82)	4.3 (1.1)	
	at 1/4 Load	L/h (gal/h)	2.3 (0.61)	1.6 (0.42)	2.3 (0.61)	2.6 (0.68)	1.6 (0.42)	2.3 (0.61)	1.6 (0.42)	2.1 (0.55)	3.2 (0.84)	
Fuel Tank Capacity	L (gal)	37.0 (9.77)	37.0 (9.77)		37.0 (9.77)		60.0 (15.8)	62.0 (16.4)	62.0 (16.4)	62.0 (16.4)	62.0 (16.4)	68.0 (17.9)
Continuous Operation Hours	at Full Load	h	7.0	9.3	7.0	8.7	15.9	11.3	16.3	11.7	8.8	
	at 3/4 Load	h	8.0	11.6	8.0	11.7	20.7	15.1	21.4	15.5	11.5	
	at 1/2 Load	h	10.9	14.8	10.9	16.6	27.0	20.0	28.2	20.0	15.8	
	at 1/4 Load	h	16.1	23.1	16.1	23.3	38.8	27.0	38.8	29.5	21.3	
Battery (Ah/5h)	-	12 V (64 Ah)	12 V (64 Ah)		12 V (64 Ah)		12 V (92 Ah)	12 V (55 Ah)	12 V (55 Ah)	12 V (55 Ah)	12 V (55 Ah)	12 V (55 Ah)
Dimensions L x W x H	mm	1488 x 650 x 971	1393 x 650 x 971		1488 x 650 x 971		1730 x 805 x 1046	1675 x 780 x 970	1675 x 780 x 970	1675 x 780 x 970	1675 x 780 x 970	1935 x 860 x 995
	(in)	(58.58 x 25.6 x 38.2)	(54.84 x 25.6 x 38.2)		(58.58 x 25.6 x 38.2)		(68.11 x 31.7 x 41.18)	(65.94 x 30.7 x 38.2)	(65.94 x 30.7 x 38.2)	(65.94 x 30.7 x 38.2)	(65.94 x 30.7 x 38.2)	(76.18 x 33.9 x 39.2)
Approximate Net Weight	kg (lbs)	505 (1113)	450 (992)		505 (1113)		710 (1565)	640 (1411)	730 (1609)	640 (1411)	730 (1609)	880 (1940)
Sound Level (Full Load at 23 ft (7mi))	dB (A)	75.0	73.0		75.0		73.0	61.0	63.0	61.0	63.0	64.0
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, water temperature, fan belt broken, and when the side cover and door open with engine running				