

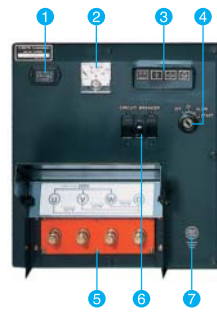
CONTROL PANEL

J SERIES

Single Phase



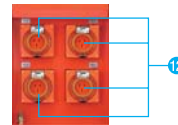
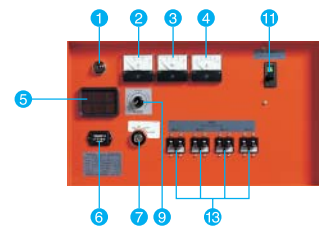
Three Phase



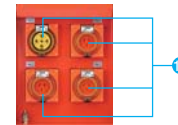
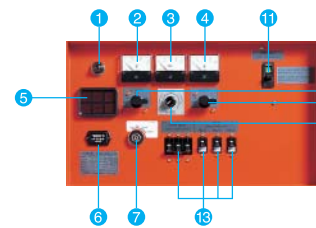
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|------------------|-----------------|--------------------|--------------------------------|----------------------|
| 1 Hour Meter | 3 Monitor Lamps | 5 Output Terminals | 7 Ground Terminal | 9 Output Receptacles |
| 2 A.C. Voltmeter | 4 Key Switch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

KJ SERIES

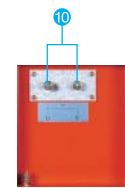
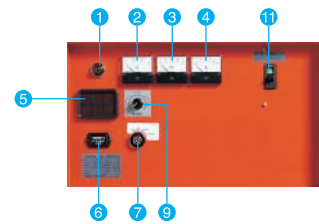
Single Phase (KJ-S130VX)



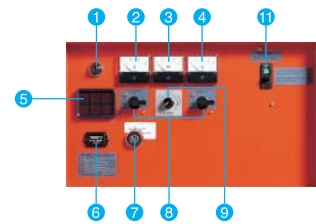
Three Phase (KJ-T130DX, KJ-T180VX)



Single Phase (KJ-S240)



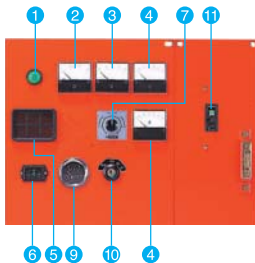
Three Phase (KJ-T300)



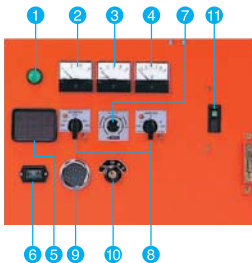
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|------------------|-------------------|-----------------|-------------------------|----------------------|-----------------------|---------------------------------|
| 1 Pilot Lamp | 3 Frequency Meter | 5 Monitor Lamps | 7 Key Switch | 9 Voltmeter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

SQ SERIES

Single Phase



Three Phase



- | | |
|-------------------|-------------------------|
| 1 Pilot Lamp | 7 Voltage Adjuster |
| 2 A.C. Voltmeter | 8 Phase Selector Switch |
| 3 Frequency Meter | 9 Fuel Gauge |
| 4 A.C. Ammeter | 10 Key Switch |
| 5 Monitor Lamps | 11 Circuit Breaker |
| 6 Hour Meter | |

Kubota

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Kubota

KUBOTA GENERATORS

J SERIES / GL SERIES / KJ SERIES / SQ SERIES



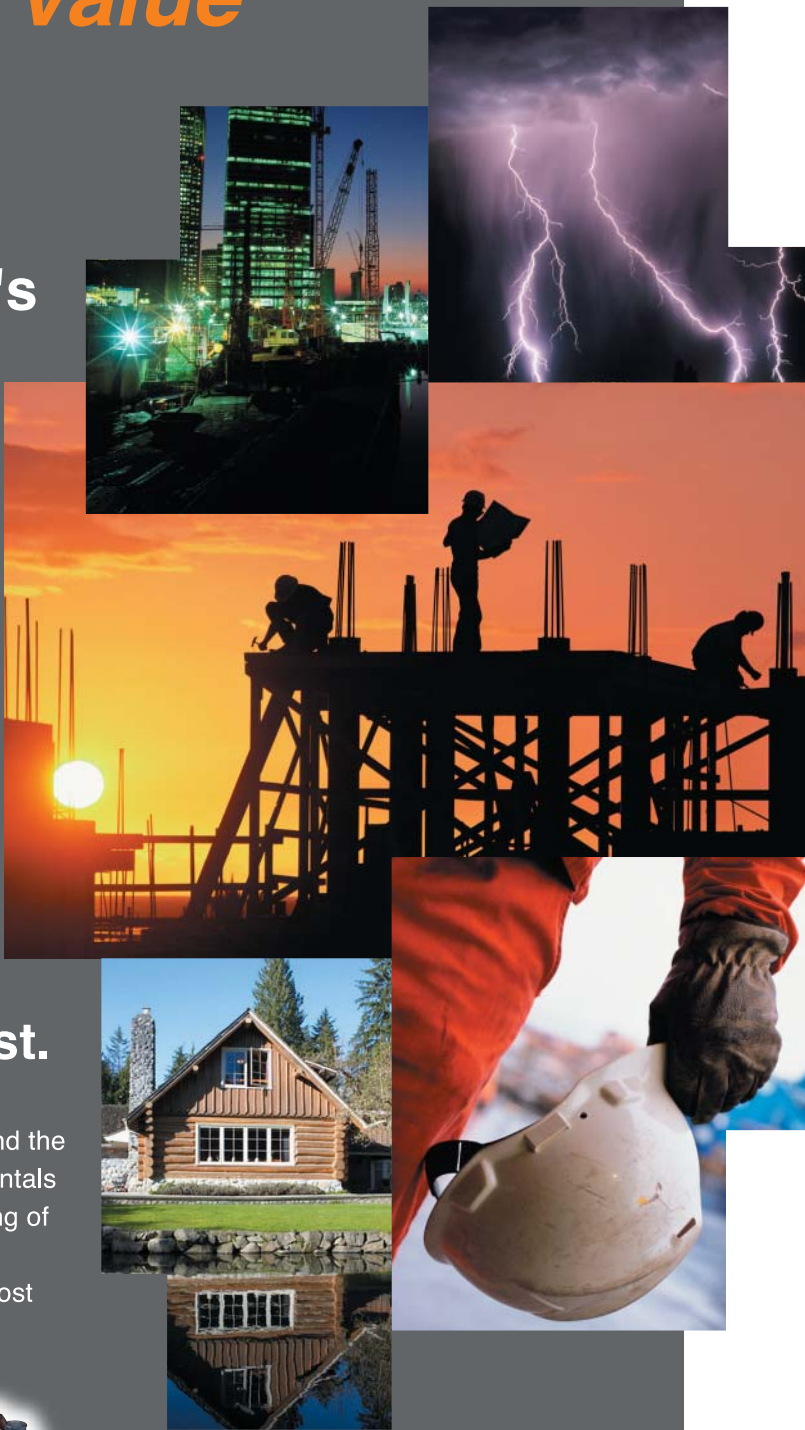
Everything you value in a generator

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 engine's 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: 8.0kVA to 12.0kVA



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 Prime output (kVA)

J108	8.0
J112	12.0
J310	10.0

GL SERIES

- 2-Pole Single-Phase
- Output Range: 5.5kVA to 8.0kVA



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 Prime output (kVA)

GL6000	5.5
GL9000	8.0

KJ SERIES

- 4-Pole Single-Phase & Three-Phase
- Output Range: 12.5kVA to 30.0kVA



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 Prime output (kVA)

KJ-S130VX	12.5
KJ-S240	24.0
KJ-T130DX	12.5
KJ-T180VX	18.0
KJ-T300	30.0

SQ SERIES

- 4-Pole Single-Phase & Three-Phase
- Output Range: 11.2 to 30.0kVA



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 [61-64 dB at 7m (23 feet)] at full load.

● SQ series Prime output (kVA)

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

J SERIES

Prime Output: (Single Phase) 8.0 to 12.0kVA
(Three Phase) 10.0kVA
J108 / J112 / J310

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

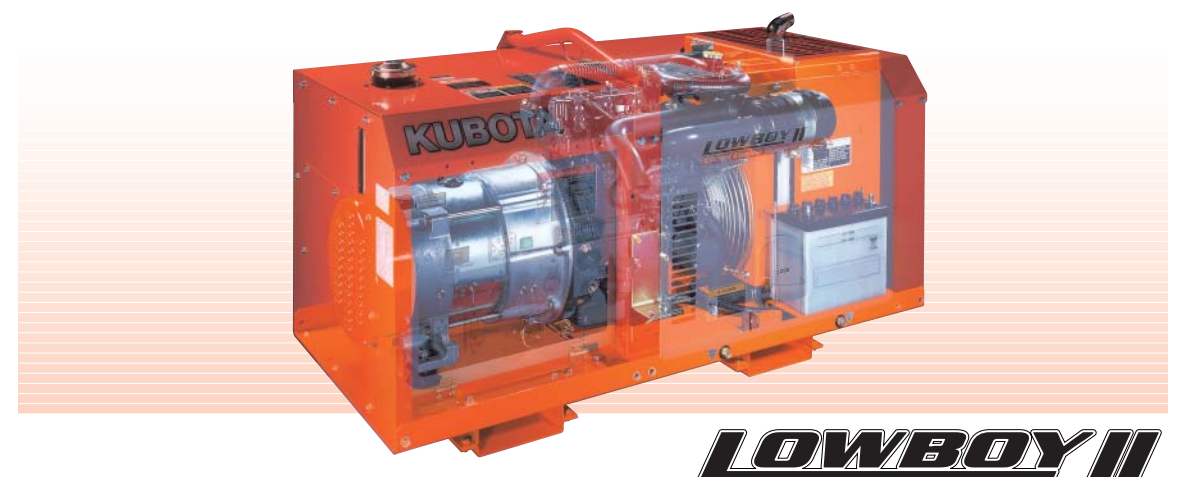
Access terminals for Automatic Transfer Switches (ATS) are located behind the control panel.



GL SERIES

Prime Output: (Single Phase) 5.5 to 8.0kVA
GL6000 / GL9000

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.



KJ SERIES

Prime Output: (Single Phase) 12.5 to 30.0kVA
(Three Phase) 12.5 to 30.0kVA

KJ-S130VX / KJ-S240 / KJ-T130DX / KJ-T180VX / KJ-T300

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.



SQ SERIES

Prime Output: (Single Phase) 11.2 to 30.0kVA
(Three Phase) 14.0 to 30.0kVA

SQ-1120 / SQ-1150 / SQ-3140 / SQ-3200 / SQ-3300

Satisfied with Quiet? Meet the Super Quiet series!



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



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	—		
Voltage - Three Phase (Rated voltage line to neutral)	V	—		
Armature Connection	—	Single		
Phase / Wire	—	1/2		
Power Factor	—	1.0		
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				
250V.15A	—	N/A		
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)
	at 3/4 Load	L/h (gal./h)	2.5 (0.7)	3.7 (1.0)
	at 1/2 Load	L/h (gal./h)	2.1 (0.5)	3.0 (0.8)
	at 1/4 Load	L/h (gal./h)	1.6 (0.4)	2.4 (0.6)
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
	at 3/4 Load	h	14.7	21.2
	at 1/2 Load	h	18.0	26.1
	at 1/4 Load	h	23.1	33.5
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

MODEL	Unit	GL6000	GL9000
Type	—	Rotating field single-phase AC generator	
Frequency	Hz	50	
Standby Output	kVA (kW)	6.0 (6.0)	8.8 (8.8)
Prime Output	kVA (kW)	5.5 (5.5)	8.0 (8.0)
Voltage - Single Phase	V	240	
Voltage - Three Phase (Rated voltage line to line)	V	—	
Voltage - Three Phase (Rated voltage line to neutral)	V	—	
Armature Connection	—	Single	
Phase / Wire	—	1/2	
Power Factor	—	1.0	
No. of Poles	—	2	
Insulation	Class	Rotor coil; class F, Stator coil; class B	
Voltage Regulation	%	5.0 (No load to full load)	
Type of Coupling	—	Direct coupled	
AMPS			
Single Phase 240V	A	22.9	33.3
Three Phase 415V	A	—	—
Three Phase 240V	A	—	—
NO. OF RECEPTACLES			
250V.15A	—	2	3
TERMINAL			
Terminal	—	N/A	
DIESEL ENGINE			
Type	—	Vertical, water-cooled, 4-cycle diesel engine	
Model	—	Z482	D722
No. of Cylinders	—	2	3
Bore x Stroke	mm (in.)	67.0 x 68.0 (2.60 x 2.70)	
Displacement	LL (cu. in.)	0.479 (29.2)	0.719 (43.9)
Engine Speed	rpm	3000	
Continuous Rated Output	kW (HP)	6.9 (9.3)	10.3 (13.8)
Lubricant (API classification)	—	Above CD grade	
Oil Capacity	L (qts.)	2.2 (2.32)	3.4 (3.60)
Coolant Capacity	L (qts.)	3.7 (3.92)	4.1 (4.35)
Starting System	—	Electric - 12 volt DC	
SET			
Fuel	—	Diesel fuel No.2 (ASTM D975)	
Fuel Consumption	at Full Load	L/h (gal./h)	2.2 (0.58)
	at 3/4 Load	L/h (gal./h)	1.8 (0.48)
	at 1/2 Load	L/h (gal./h)	1.5 (0.39)
	at 1/4 Load	L/h (gal./h)	1.2 (0.31)
Fuel Tank Capacity	L (gal.)	28.0 (7.4)	
Continuous Operation Hours	at Full Load	h	12.0
	at 3/4 Load	h	15.6
	at 1/2 Load	h	18.7
	at 1/4 Load	h	23.3
Battery (Ah/5h)	—	12V (28Ah)	12V (36Ah)
Dimensions L x W x H	mm	1066 x 618 x 698	1281 x 618 x 698
	(in.)	(42.0 x 24.3 x 27.5)	(50.4 x 24.3 x 27.5)
Approx. Net Weight	kg (lbs.)	235 (518)	295 (650)
Sound Level (Full Load at 7m [23 ft.])	dB (A)	65	67
Emergency Stop System	—	In case of abnormal: Oil pressure, water temperature, or when the access terminal cover is opened	

SPECIFICATIONS



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				
AMPS						
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	—
NO. OF RECEPTACLES						
56S0315	—	4	—	3	3	—
56S0532	—	—	—	1	1	—
TERMINAL						
Terminal	—	N/A	Available	N/A		Available
DIESEL ENGINE						
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				
SET						
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)
	at 3/4 Load	L/h (gal./h)	4.6 (1.2)	5.9 (1.6)	3.2 (0.8)	4.6 (1.2)
	at 1/2 Load	L/h (gal./h)	3.4 (0.9)	4.3 (1.1)	2.5 (0.7)	3.4 (0.9)
	at 1/4 Load	L/h (gal./h)	2.3 (0.6)	3.2 (0.8)	1.6 (0.4)	2.3 (0.6)
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
	at 3/4 Load	h	8.0	11.5	11.6	8.0
	at 1/2 Load	h	10.9	15.8	14.8	10.9
	at 1/4 Load	h	16.1	21.3	23.1	16.1
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

MODEL	Unit	SQ-1120	SQ-1150	SQ-3140	SQ-3200	SQ-3300
Type	—	Revolving field, brushless AC generator				
Frequency	Hz	50				
Standby Output	kVA (kW)	11.8 (11.8)	16.0 (16.0)	15.4 (12.3)	22.0 (17.6)	33.0 (26.4)
Prime Output	kVA (kW)	11.2 (11.2)	15.0 (15.0)	14.0 (11.2)	20.0 (16.0)	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
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	%	1.5 (No load to full load)				
Type of Coupling	—	Direct coupled				
AMPS						
Single Phase 240V	A	46.7	62.5	—	—	—
Three Phase 415V	A	—	—	19.5	27.8	41.7
Three Phase 240V	A	—	—	46.7	18.1	27.1
NO. OF RECEPTACLES						
56S0315	—	N/A				
56S0532	—	N/A				
TERMINAL						
Terminal	—	Available				
DIESEL ENGINE						
Type	—	Vertical, water-cooled, 4-cycle diesel engine				
Model	—	D1703	V2203	D1703	V2203	V3300
No. of Cylinders	—	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)	87.0 x 92.4 (3.43 x 3.64)	98.0 x 110.0 (3.86 x 4.33)
Displacement	LL (cu. in.)	1.647 (100.5)	2.197 (134.1)	1.647 (100.5)	2.197 (134.1)	3.318 (202.5)
Engine Speed	rpm	1500				
Continuous Rated Output	kW (HP)	13.6 (18.2)	18.4 (24.7)	13.6 (18.2)	18.4 (24.7)	26.8 (35.9)
Lubricant (API classification)	—	Above CD grade				
Oil Capacity	L (qts.)	5.6 (5.9)	7.6 (8.0)	5.6 (5.9)	7.6 (8.0)	13.2 (13.9)
Coolant Capacity	L (qts.)	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				
SET						
Fuel	—	Diesel fuel No.2 (ASTM D975)				
Fuel Consumption	at Full Load	L/h (gal./h)	3.9 (1.0)	5.5 (1.5)	3.8 (1.0)	5.3 (1.4)
	at 3/4 Load	L/h (gal./h)	3.0 (0.8)	4.1 (1.1)	2.9 (0.8)	4.0 (1.1)
	at 1/2 Load	L/h (gal./h)	2.3 (0.6)	3.1 (0.8)	2.2 (0.6)	3.1 (0.8)
	at 1/4 Load	L/h (gal./h)	1.6 (0.4)	2.3 (0.6)	1.6 (0.4)	2.1 (0.6)
Fuel Tank Capacity	L (gal.)	62.0 (16.4)	62.0 (16.4)	62.0 (16.4)	62.0 (16.4)	68.0 (18.0)
Continuous Operation Hours	at Full Load	h	15.9	11.3	16.3	11.7
	at 3/4 Load	h	20.7	15.1	21.4	15.5
	at 1/2 Load	h	27.0	20.0	28.2	20.0
	at 1/4 Load	h	38.8	27.0	38.8	29.5
Battery (Ah/5h)	—	12V (55Ah)	12V (55Ah)	12V (55Ah)	12V (55Ah)	12V (92Ah)
Dimensions L x W x H	mm	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.)	(65.9 x 30.7 x 38.2)	(65.9 x 30.7 x 38.2)	(65.9 x 30.7 x 38.2)	(65.9 x 30.7 x 38.2)	(76.2 x 33.9 x 39.2)
Approx. Net Weight	kg (lbs.)	640 (1411)	730 (1609)	640 (1411)	730 (1609)	880 (1940)
Sound Level (Full Load at 7m [23 ft.])	dB (A)	61	63	61	63	64
Emergency Stop System	—	In case of abnormal: Oil pressure, water temperature, fan belt broken when the side cover and door open with running				