



MODEL	Unit	SQ1140	SQ1200	SQ3170	SQ3250SW	SQ3350SW
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GENERATOR

Design	Revolving field, self-excited brushless AC generator							
Frequency	Hz	60						
Standby Output	kW (kVA)	14.5 (14.5)	21 (21)	15 (18.7)	22 (27.5)	21 (21)	30.8 (38.5)	26.3 (26.3)
Prime Output	kW (kVA)	13.6 (13.6)	20 (20)	13.6 (17)	20 (25)	20 (20)	28 (35)	25 (25)
Voltage - 3 Phase		—		208	208,240	480	—	
Voltage - Single Phase		120/240		120	120,139	277	120/240	
Armature Connection		Series		Star with neutral	Star with neutral	Zig-Zag	Star with neutral	Zig-Zag
Phase & Wire		1-4		3-12				
Power Factor		1.0		0.8	0.8	1.0	0.8	1.0
No. of Poles		4-pole						
Insulation		Class H						
Voltage Regulation	%	±1.5 (No load to full load)						
Type of Coupling		Direct coupled						

DIESEL ENGINE

Model		D1703-EBG	V2203-EBG	D1703-EBG	V2203-EBG	V3300-EBG
Design		Vertical, water-cooled, 4-cycle diesel engine				
No. of Cylinders		3	4	3	4	4
Bore x Stroke	in. (mm)	3.43 x 3.64 (87 x 92.4)				3.86 x 4.33 (98 x 110)
Displacement	cu.in. (L)	100.5 (1.647)	134.1 (2.197)	100.5 (1.647)	134.1 (2.197)	202.5 (3.318)
Engine Speed	rpm	1800				
Continuous Rated Output	HP (kW)	22.1 (16.5)	31.8 (23.7)	22.1 (16.5)	31.8 (23.7)	43.0 (32.1)
Lubricating Oil		API service class CD or higher				
Oil Capacity	U.S.qts. (L)	5.9 (5.6)	8.0 (7.6)	5.9 (5.6)	8.0 (7.6)	14.0 (13.2)
Coolant Capacity	U.S.qts. (L)	5.8 (5.5)	6.7 (6.3)	5.8 (5.5)	6.7 (6.3)	8.7 (8.2)

Set

Fuel		Diesel fuel No.2 (ASTM D975)					
Fuel Consumption	At Full Load	GPH (L/h)	1.3 (4.8)	1.8 (6.9)	1.2 (4.7)	1.8 (6.7)	2.4 (9.1)
	At 3/4 Load	GPH (L/h)	1.0 (3.7)	1.4 (5.3)	1.0 (3.6)	1.4 (5.2)	1.8 (7.0)
	At 1/2 Load	GPH (L/h)	0.7 (2.8)	1.1 (4.0)	0.7 (2.7)	1.0 (3.9)	1.4 (5.2)
	At 1/4 Load	GPH (L/h)	0.5 (2.0)	0.8 (2.9)	0.5 (2.0)	0.7 (2.8)	1.0 (3.8)
Fuel Tank Capacity	U.S. gal. (L)	16.4 (62)				18.0 (68)	
Continuous Operating Hours (at 3/4 load)	hrs	16.8	11.7	17.2	11.9	9.7	
Battery		80D26R (55Ah)				130E41R (92Ah)	
Starting System		Electric					
L x W x H	in. (mm)	65.9 x 30.7 x 38.2 (1675 x 780 x 970)				76.2 x 33.9 x 39.2 (1935 x 860 x 995)	
Approx. Net Wt.	lbs. (kg)	1411 (640)	1609 (730)	1411 (640)	1620 (735)	1951 (885)	
Sound Level (full load at 23 feet)	dB (A)	62	64	62	64	65	
Emergency Stop System		In case of abnormal: Oil pressure, water temperature, fan belt broken					When the side cover and door open with running

AMPS

Single Phase 120V	A	56.6 (2set)	83.3 (2set)	—	83.3 (2set)	104.2 (2set)
Single Phase 240V	A	56.6	83.3	—	83.3	104.2
Three Phase 208V	A	—	—	47.2	60.2	84.2
Three Phase 240V	A	—	—	—	60.2	84.2
Three Phase 480V	A	—	—	—	30.1	42.1

No. of Receptacle

5-20R (GFCI)		1	1	1	1	1
L5-30R		1	1	2	1	1
L14-30R		1	—	—	—	1
CS-6369		1	2	—	2	2

Injury can occur: Do not connect generator to an electrical system unless an isolation switch has been installed.

*Specifications and dimensions are subject to change without prior notice.



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KUBOTA SQ SERIES DIESEL ENGINE GENERATORS



The New Silent Partner
 4-Pole/Single & Three Phase
 Prime Output: 13.6kW~28.0kW



ISO 9001 Certified KUBOTA ENGINE PLANTS – SAKAI/TSUKUBA/SAKAI-RINKAI –

The Silent Partner that Goes Where You Go

Kubota introduces a new line of low noise heavy-duty 4-pole diesel generators, the SQ series.

Powered by Kubota's own cleaner emission and highly durable E-TVCS combustion system diesel engines, the SQ series ensure a much quieter, more efficient, and longer service life practically anywhere you go.



Super Quiet Performance
62-65 dB[A]



Improved Enclosure with a Noise Absorbing Duct

Noise within the generator unit has been lowered by improving the noise reduction enclosure and by adding a new noise absorbing duct with 3 air intake holes.



Quieter Cooling Fan

Kubota not only reduced fan related noise with this larger-diameter, slower-speed fan, but was also able to maintain the same cooling effect as one running at normal speed.

Over-Sized Muffler

Sound level has been lowered by the over-sized muffler.

Second Muffler (for V3300 only)

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



Extra-Long Air Cleaner Hose

A longer air cleaner inlet hose is used to keep the low frequency noise down.



SQ1200



SQ3350SW

Operator Friendly



Base Mounted Fuel Tank

The SQ series is equipped with large capacity bottom mounted fuel tanks to prevent fuel spills inside the enclosure. The locking fuel cap is placed to avoid damage and simplify refueling.

Compact and Easily Transport

The advanced design and superior engineering minimizes both space and weight. Transportability is improved with slots on each side of the machine for safe forklift truck transportation. Four tie down points and sturdy lifting eyes further enhance hoisting and transportation.



Automatic Air-Bleeding

Everytime the engine key is turned ON, air is automatically purged from the fuel system.

Locking Control Panel Door

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



Automatic Start System

For standby applications, wiring and space have been provided as standard equipment.

Safety and Maintenance

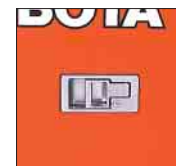
Designed with Safety in Mind

The fully covered load center houses all the outlets, compression terminals and circuit breakers. To prevent inadvertent contact with the terminals, the receptacles are divided in a separate section. GFCI receptacles are standard equipment to further enhance



Safety Door Interlocks

Safety door interlocks automatically shut down the engine if the load center doors are opened during operation. For safe, unattended operation, even the maintenance doors are equipped with safety interlocks.

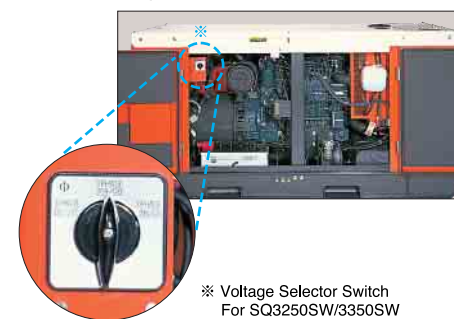


Safe Enclosure

Large, removable doors feature heavy-duty steel hinges and recessed locking door latches safeguard against unauthorized use, allow safe, unattended operation and 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.



※ Voltage Selector Switch For SQ3250SW/3350SW

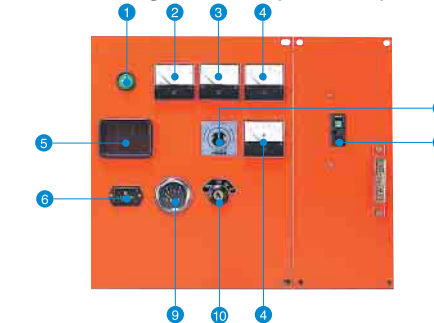
Stable Load

Excellent Load Characteristics

Solid state voltage regulation maintains excellent stability during changing load conditions. Quick response automatically provides stable power to sensitive equipment.

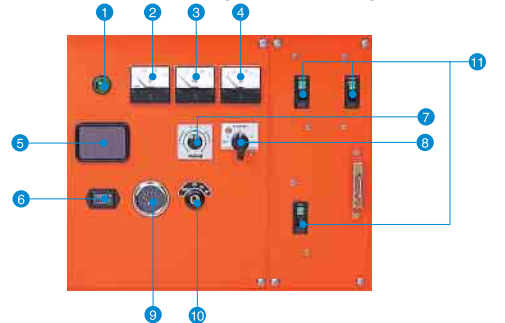
Control Panel

Single Phase (SQ1200)



- 1 Pilot Lamp
- 2 A.C. Voltmeter
- 3 Frequency Meter
- 4 A.C. Ammeter
- 5 Monitor Lamp
- 6 Hour Meter

Three Phase (SQ3350SW)



- 7 Voltage Adjuster
- 8 Ammeter Phase Selector Switch
- 9 Fuel Gauge
- 10 Key Type Starter Switch
- 11 Circuit Breaker

Kubota's Cleaner, Quieter, and More Reliable E-TVCS Type Diesel Engines Have All Passed the U.S. EPA Regulations

- Kubota's original E-TVCS combustion system increased fuel efficiency and decreased soot, unburned HC and CO emissions.
- Sound levels are kept to a minimum.
- Super Glow system shortens preheating time and quickens engine start ups in cold temperature.
- Sturdy built engines promise great reliability and long service life.



V3300