

MODEL	Unit	SQ-1120B-AU-B	SQ-1150B-AU-B	SQ-3140B-AU-B	SQ-3200B-AU-B	SQ-3300B-AU-B
GENERATOR						
Model		PX-312KE1	PX-319KE1	PX-312KE3	PX-319KE3	PX-322KE3
Design		Revolving field, self-excited brushless AC generator				
Frequency	Hz	50	50	50	50	50
Standby Output	kVA (kW)	11.8 (11.8)	16 (16)	15.4 (12.3)	22 (17.6)	33 (26.4)
Continuous Output	kVA (kW)	11.2 (11.2)	15 (15)	14 (11.2)	20 (16)	30 (24)
Voltage-single phase	V	240	240	240	240	240
Voltage-3 phase	V	---	---	415	415	415
Armature connection		Series	Series	Star with neutral	Star with neutral	Star with neutral
Phase & Wire		1 Phase & 4 Wires	1 Phase & 4 Wires	3 Phase & 12 Wires	3 Phase & 12 Wires	3 Phase & 12 Wires
Power Factor		1.0	1.0	0.8	0.8	0.8
No. of Poles		4-pole	4-pole	4-pole	4-pole	4-pole
Insulation		Class H	Class H	Class H	Class H	Class H
Voltage Regulation	%	1.5 (No load to full load)	1.5 (No load to full load)	1.5 (No load to full load)	1.5 (No load to full load)	1.5 (No load to full load)
Total Harmonic Distortion	%	<5	<5	<5	<5	<5
Type of Coupling		Direct coupled	Direct coupled	Direct coupled	Direct coupled	Direct coupled
DIESEL ENGINE						
Model		D1703-EBG	V2203-EBG	D1703-EBG	V2203-EBG	V3300-EBG
Type		Vertical, water-cooled, 4-cycle diesel engine				
No. of cylinders		3	4	3	4	4
Bore x Stroke	mm	87 x 92.4	87 x 92.4	87 x 92.4	87 x 92.4	98 x 110
Displacement	L	1.647	2.197	1.647	2.197	3.318
Engine Speed	rpm	1500	1500	1500	1500	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)
Lubricating oil		API service class CF or higher	API service class CF or higher	API service class CF or higher	API service class CF or higher	API service class CF or higher
Oil capacity	L	5.6	7.6	5.6	7.6	13.2
Coolant capacity*	L	6.6	7.4	6.6	7.4	9.3
SET						
Fuel		Diesel fuel No.2 (ASTM D975)				
Fuel Consumption At full load	L/h	3.9	5.5	3.8	5.3	7.7
Fuel tank capacity	L	72	100	72	100	142
Continuous operating hours (at 3/4 load)	hrs	24	24.3	24.8	25	24
Battery (Ah/5Hr)		80D26R (55Ah)	80D26R (55Ah)	80D26R (55Ah)	80D26R (55Ah)	130E41R (92Ah)
Starting system		Electric	Electric	Electric	Electric	Electric
L x W x H	mm	1725x795x1095	1725x795x118	1725x795x1095	1725x795x1180	1985 x 860 x 1310
Approx. Net Wt. (Wet)	kg	780	915	780	915	1135
Controller	-	Digital Control panel DSE4520	Digital Control panel DSE4520	Digital Control panel DSE4520	Digital Control panel DSE4520	Digital Control panel DSE4520
Shutdown System	-	In case of abnormal : Oil pressure, water temperature				
	-	Emergency stop button, Engine Room Door Opened, Load Center Cover removed, Low fuel, Alternator charge Fail				
	-	Over Voltage/Frequency/Current/Power, Under voltage/Frequency				
Remote start		Two wire				
AMPS						
Single phase 240V	A	46.7	62.5	12.5 (3 set)	18.1 (3 set)	27.1 (3 set)
Three Phase 415V	A	---	---	19.5	27.8	41.7



KUBOTA

NEW SQ SERIES 2

DIESEL ENGINE GENERATORS



4-POLE/SINGLE & THREE PHASE TYPE
PRIME OUTPUT 11.2KVA - 30 - KVA

SQ SERIES 2



Kubota SQ Series 2 ensure a much quieter, more efficient, and longer power supply.

BASE MOUNTED FUEL TANK

The SQ series is equipped with large capacity bottom mounted fuel tank to prevent fuel spills inside the enclosure (Bunded 110%). The locking fuel door is placed to avoid damage and simplify refuelling.

COMPACT AND EASILY TRANSPORTED

The advanced design and superior engineering minimises both space and weight. Transportability is improved with slots on each side of the machine for safe forklift truck transportation.

LOCKING CONTROL PANEL DOOR

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

DESIGNED WITH SAFETY IN MIND

In case of abnormal oil pressure/ water temperature, or in case the fan belt breaks, the emergency stop system will automatically shut the unit down. With the emergency stop button placed on the outside rather than on the inside, it's now possible to stop the unit in less time.

EASY ONE SIDE MAINTENANCE

Engine oil and coolant 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.

OVER- SIZED MUFFLER

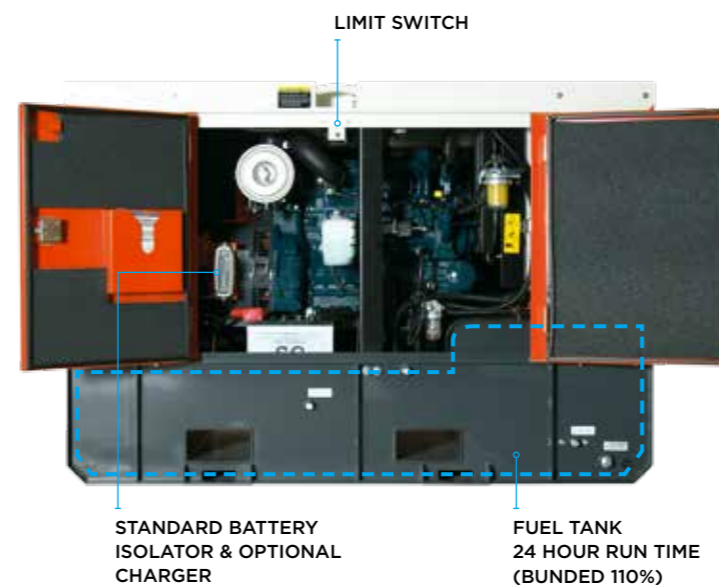
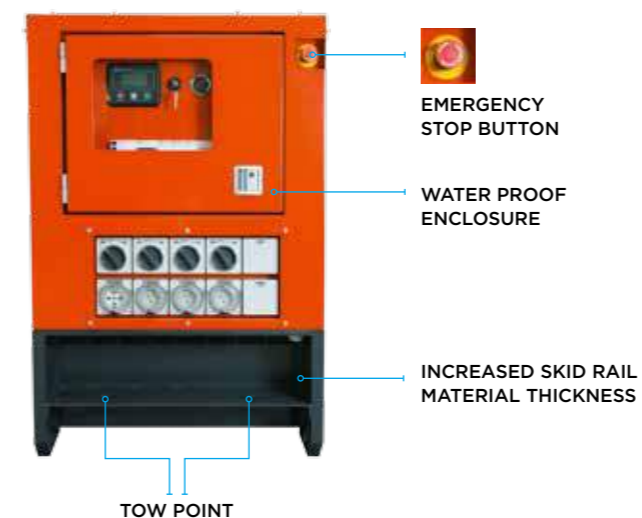
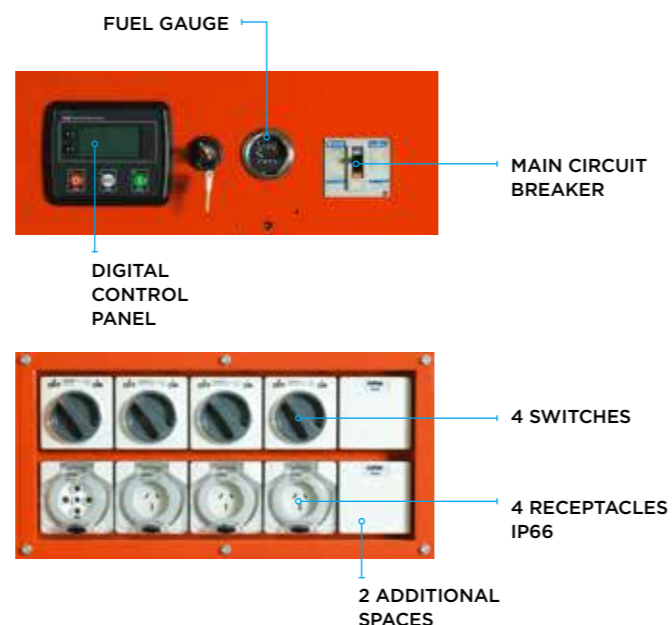
Sound level has been lowered by the over sized muffler.

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 the normal speed.



NEW FEATURES

AUTO START CONTROLLER - DIGITAL OPTION ONLY

- + Large back-lit icon LCD display: The Deep Sea 4520 Auto Start Controller has a large back lit screen which clearly displays operator information in an easy to read manner.
- + Added water proof recessed button receptacles
- + New emergency stop button
- + Compliant with AS3000 Wiring Standard
- + Factory tested to AS33017
- + RCD for each outlet (RCBO on single phase outlets)

ENGINE

- + Limit switch has been added to shut down engine when door opens
- + Battery isolator has been added
- + A larger capacity fuel tank (62L > 100L) which enables 24 hours run time

BODY

- + All components have been recessed
- + Single key entry door
- + The base has been strengthened to improve mobility