



ICONOGRAPHY

GENSET MODEL NUMBER

KECSW55- O
 ↓ Engine Make ↓ Standby Power ↓ Open Set

KEPSW500- S
 ↓ Engine Make ↓ Standby Power ↓ Soundproof Enclosure

ENGINE MANUFACTURER



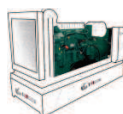
CUMMINS

PERKINS

MTU

VOLVO PENTA

SPECIFICATIONS



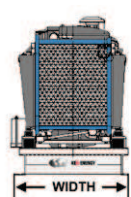
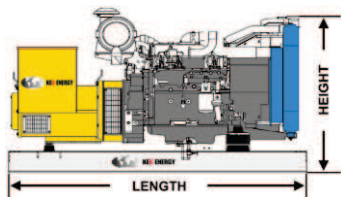
Open Set

Soundproof Set

Prime Power

Standby Power

DIMENSIONS



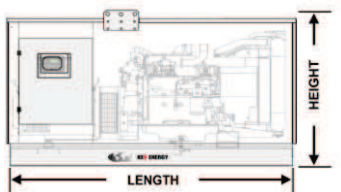
Genset Length

Genset Width

Genset Height

Genset Weight

AUX. EQUIPMENT



Transfer Switch

Amperes

Deep Sea Electronics

Controller Type

STANDARD GENSET EQUIPMENT

STANDARD ALTERNATORS



Marelli Motori S.p.A.
Italy



Emerson Group,
Leroy Somer
France



Cummins Generator
Tech., Stamford
United Kingdom



STANDARD CONTROL PANEL



Deep Sea Electronics
United Kingdom



Main tension control 3P+N
Generator Voltage control 3P+N
Generator current control 3P
Modes Off, Auto, Test, Manual, Isla
4P
Alarms and Alerts
 -Start Failure -Over-load
 -Emergency Stop -Over-speed
 -Oil Pressure -Voltage/Current Range
 -High Water Pressure -Maintenance Date
Electric Parameters Display (LCD)
 -Main and Generator Voltage -Generator freq. & current
 -Generator Power (kVA) -Generator Voltage
Other Displays
 - -Fuel level
 Operating time

SPECIFICATION	
DC SUPPLY	GENERATOR
CONTINUOUS VOLTAGE RATING 8 V to 30 V Continuous	VOLTAGE RANGE 15 V - 330 V AC (S, R)
DRAWING DROPOUTS Able to survive 0 V for 30 min, providing supply rate of least 10 V before dropout and supply recovers to 5 V. This is achieved without the need for reserve batteries. LEDs and backlight will not be maintained during starting.	FREQUENCY RANGE 55 Hz to 75 Hz
MAXIMUM OPERATING CURRENT 340 mA at 12 V; 150 mA at 24 V	MAGNETIC PICK UP
MAXIMUM STANDBY CURRENT 100 mA at 12 V; 50 mA at 24 V	VOLTAGE RANGE ±0.5 V to 75 V
CHARGE FAIL/EXCITATION RANGE 0 V to 30 V	FREQUENCY RANGE 10,000 Hz (max)
MANU (UTILITY) DISE/220 ONLY	DIMENSIONS
VOLTAGE RANGE 15 V - 330 V AC (S, R)	OVERALL 345 mm x 161 mm x 42 mm
FREQUENCY RANGE 55 Hz to 75 Hz	PANEL CUT-OUT 220 mm x 160 mm
OUTPUTS	8.7" x 6.3"
OUTPUT A (FUEL) 15 A DC at supply voltage	MAXIMUM PANEL THICKNESS 8 mm
OUTPUT B (START) 15 A DC at supply voltage	0.8"
OUTPUTS C & D 8 A 250 V (600 Hz)	
AUXILIARY OUTPUTS E,F,G,H 2 A DC at supply voltage	

STANDARD CIRCUIT BREAKERS



Kes Energy circuit breakers provide superior performance in a compact package. They are used in cascade rated systems, allowing the use of lower interruption circuit breakers downstream, which lead to lower system cost. While meeting IEC60947-2 service and interrupting ratings, these breakers provide unmatched flexibility by employing a wide variety of trip units including fixed thermal & magnetic, adjustable thermal-fixed magnetic, adjustable thermal adjustable magnetic, and electronic options.









KES ENERGY DIESEL GENSETS BY ENGINE MANUFACTURER

All models come with standard Deep Sea 7310 Control Panel Marelli, Stamford, or Leroy Somer Alternator and Circuit Breaker



All models listed are 1500rpm/400Vac/3 Phase

50 Hz

KES ENERGY MODEL	ENGINE MODEL		POWER		WEIGHT AND DIMENSIONS				Controller	
		Cyl no.	Disp. ltr.	Prime 	Standby 	Length mm 	Width mm 	Height mm 	Weight 	Standard 
KECSW11-S	X1.3G1	3	1.29	10 kVA	11 kVA	1750	900	1300	630	DSE 7310
KECSW22-S	X2.5G2	3	2.5	20 kVA	22 kVA	1750	900	1300	810	DSE 7310
KECSW38-S	X3.3G1	4	3.3	35 kVA	38 kVA	1750	900	1300	930	DSE 7310
KECSW44-S	S3.8G4	4	3.8	40 kVA	44 kVA	2200	1000	1300	1060	DSE 7310
KECSW55-S	S3.8G6	4	3.8	50 kVA	55 kVA	2200	1000	1300	1130	DSE 7310
KECSW66-S	S3.8G7	4	3.8	60 kVA	66 kVA	2200	1000	1300	1250	DSE 7310
KECSW110-S	6BTA5.9G5	6	5.9	100 kVA	110 kVA	3000	1300	1600	1850	DSE 7310
KECSW137-S	6BTAA5.9G3	6	5.9	125 kVA	137 kVA	3000	1300	1600	2030	DSE 7310
KECSW176-S	6BTAA5.9G5	6	5.9	160 kVA	176 kVA	3000	1300	1600	2250	DSE 7310
KECSW275-S	QSL9G3	6	8.8	250 kVA	275 kVA	4600	1600	2250	3600	DSE 7310
KECSW330-S	QSL9G5	6	8.9	300 kVA	330 kVA	4600	1600	2250	3950	DSE 7310
KECSW400-S	NTA855G4	6	14	370 kVA	400 kVA	4600	1600	2250	4400	DSE 7310
KECSW550-S	QSX15G8	6	15	500 kVA	550 kVA	4600	1600	2250	4950	DSE 7310
KECSW700-S	VTA28G5	12	28	630 kVA	700 kVA	5000	1700	2300	5950	DSE 7310
KECSW900-S	QSK23G3	6	23	810 kVA	900 kVA	5898	2350	2390	8100	DSE 7310
KECSW1000-S	QST30G3	12	30.5	910 kVA	1000 kVA	5898	1800	2390	9700	DSE 7310
KECSW1100-S	QST30G4	12	30.5	1020 kVA	1120 kVA	5898	1800	2390	10050	DSE 7310
KECSW1400-S	KTA50G3	16	50	1280 kVA	1400 kVA	12035	2350	2390	14500	DSE 7310
KECSW1640-S	KTA50G8	16	50	1400 kVA	1640 kVA	12035	2350	2390	15300	DSE 7310
KECSW2250-S	QSK60G4	16	60.2	2000 kVA	2250 kVA	12035	2350	2390	19500	DSE 7310

Dimensions and weight subject to change without prior notice

KES ENERGY DIESEL GENSETS



For more information, to request a technical specifications data sheet, or for tailor-made solutions, please contact KES ENERGY:

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