



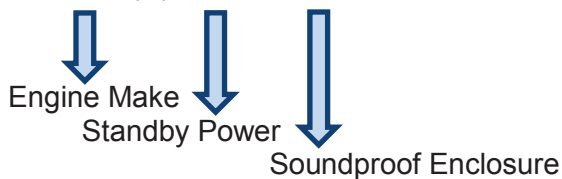
ICONOGRAPHY

GENSET MODEL NUMBER

KECSW55- O



KEPSW500- S



ENGINE MANUFACTURER



CUMMINS



PERKINS

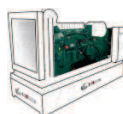


MTU



VOLVO PENTA

SPECIFICATIONS



Open Set



Soundproof Set

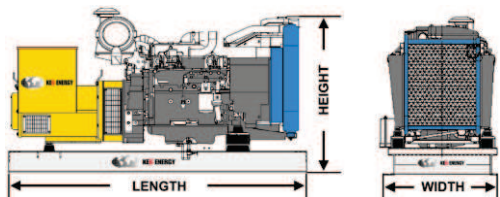


Prime Power



Standby Power

DIMENSIONS



Genset Length



Genset Width

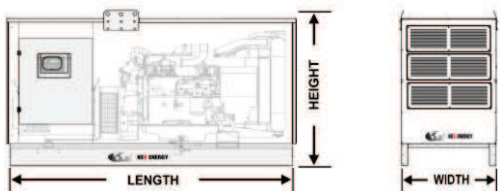


Genset Height



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 3P+N
Generator control current 3P
control 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 (5-40)
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 VOLTAGE RANGE +/- 0.5 V to 75 V
MAXIMUM STANDBY CURRENT 100 mA at 12 V; 50 mA at 24 V	FREQUENCY RANGE 10,000 Hz (max)
CHARGE FAIL/EXCITATION RANGE 0 V to 30 V	DIMENSIONS
MANUAL UTILITY DSE7220 ONLY	OVERALL 345 mm x 161 mm x 42 mm
VOLTAGE RANGE 15 V - 330 V AC (5-40)	PANEL CUT-OUT 220 mm x 160 mm
FREQUENCY RANGE 55 Hz to 75 Hz	8.7" x 6.3"
OUTPUTS	MAXIMUM PANEL THICKNESS 8 mm
OUTPUT A (FUEL) 15 A DC at supply voltage	0.8"
OUTPUT B (START) 15 A DC at supply voltage	
OUTPUTS C & D 8 A 250 V (500 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



50 Hz



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

KES ENERGY MODEL 	ENGINE MODEL 	ENGINE MODEL		POWER		WEIGHT AND DIMENSIONS				Controller
		Cyl no.	Disp. ltr	Prime 	Standby 	Length mm 	Width mm 	Height mm 	Weight 	Standard 
KECSW11-O	X1.3G1	3	1.29	10 kVA	11 kVA	1390	750	1190	380	DSE 7310
KECSW22-O	X2.5G2	3	2.5	20 kVA	22 kVA	1390	750	1190	560	DSE 7310
KECSW38-O	X3.3G1	4	3.3	35 kVA	38 kVA	1650	750	1250	680	DSE 7310
KECSW44-O	S3.8G4	4	3.8	40 kVA	44 kVA	1650	750	1300	710	DSE 7310
KECSW55-O	S3.8G6	4	3.8	50 kVA	55 kVA	1650	750	1300	760	DSE 7310
KECSW66-O	S3.8G7	4	3.8	60 kVA	66 kVA	1650	750	1300	860	DSE 7310
KECSW110-O	6BTA5.9G5	6	5.9	100 kVA	110 kVA	2300	1100	1350	1150	DSE 7310
KECSW137-O	6BTAA5.9G3	6	5.9	125 kVA	137 kVA	2300	1100	1350	1240	DSE 7310
KECSW176-O	6BTAA5.9G5	6	5.9	160 kVA	176 kVA	2300	1100	1450	1450	DSE 7310
KECSW275-O	QSL9G3	6	8.8	250 kVA	275 kVA	3200	1200	2000	2100	DSE 7310
KECSW330-O	QSL9G5	6	8.9	300 kVA	330 kVA	3200	1200	2000	2450	DSE 7310
KECSW400-O	NTA855G4	6	14	370 kVA	400 kVA	3600	1300	2100	3400	DSE 7310
KECSW550-O	QSX15G8	6	15	500 kVA	550 kVA	3600	1300	2250	4050	DSE 7310
KECSW700-O	VTA28G5	12	28	630 kVA	700 kVA	3900	1500	2250	5450	DSE 7310
KECSW900-O	QSK23G3	6	23	810 kVA	900 kVA	4600	1800	2250	6900	DSE 7310
KECSW1000-O	QST30G3	12	30.5	910 kVA	1000 kVA	5400	1800	2290	7300	DSE 7310
KECSW1100-O	QST30G4	12	30.5	1020 kVA	1120 kVA	5400	1800	2290	7850	DSE 7310
KECSW1400-O	KTA50G3	16	50	1280 kVA	1400 kVA	5700	2200	2300	10800	DSE 7310
KECSW1640-O	KTA50G8	16	50	1400 kVA	1640 kVA	5700	2200	2300	11600	DSE 7310
KECSW2250-O	QSK60G4	16	60.2	2000 kVA	2250 kVA	6500	2300	2600	15600	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:

HEADQUARTERS (Italy) info@kes-energy.it

Dubai Office: infodubai@kes-energy.it

Spain Office: infospain@kes-energy.it