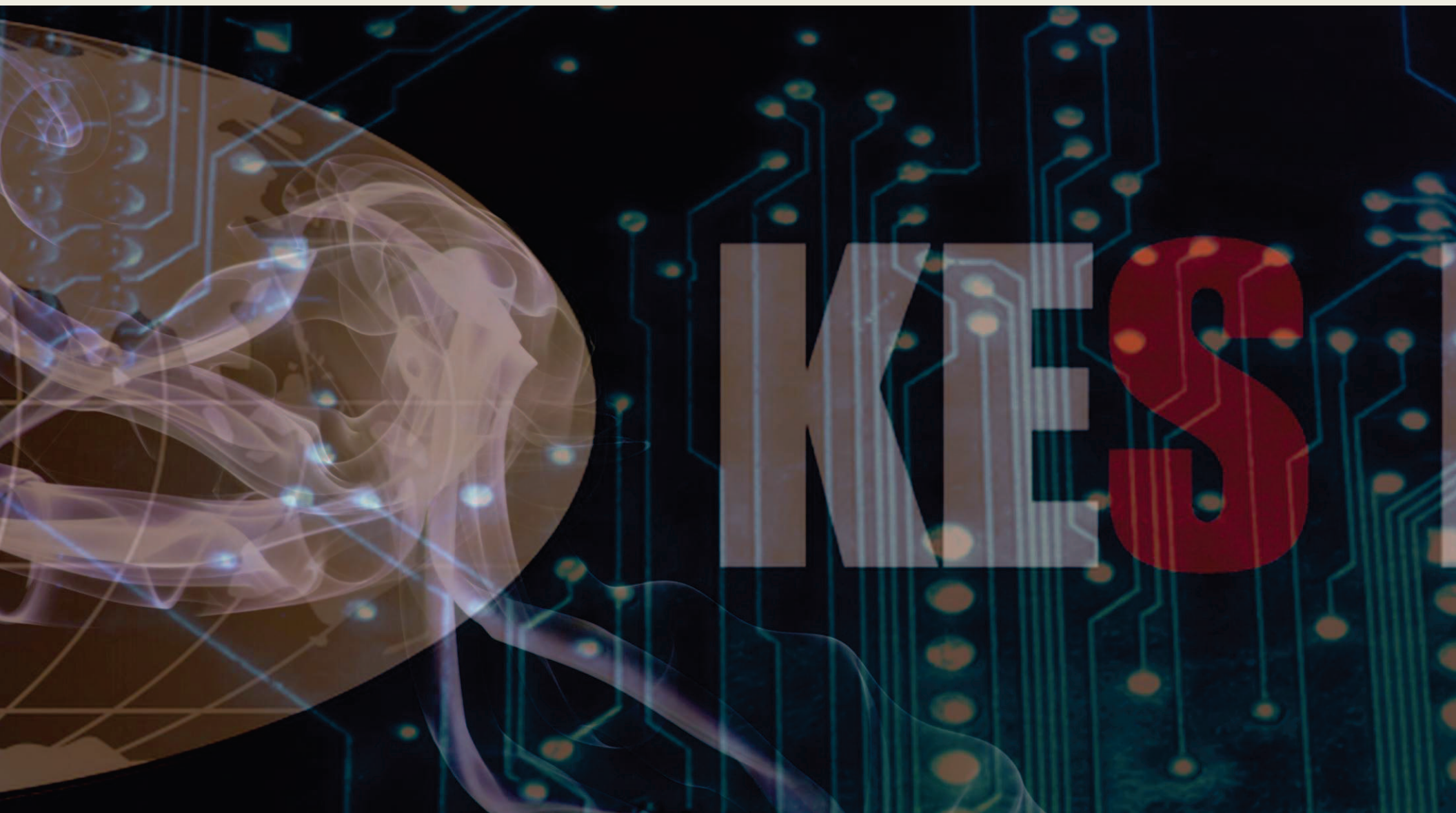




ICONOGRAPHY

GENSET MODEL NUMBER

KECSW55- O

↓ Engine Make
↓ Standby Power
↓ Open Set

KEPSW500- S

↓ Engine Make
↓ Standby Power
↓ Soundproof Enclosure

ENGINE MANUFACTURER



CUMMINS



PERKINS

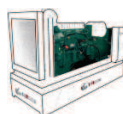


MTU



VOLVO PENTA

SPECIFICATIONS



Open Set



Soundproof Set

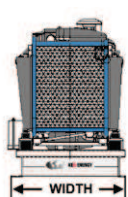
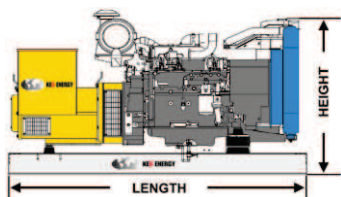


Prime Power



Standby Power

DIMENSIONS



Genset Length



Genset Width

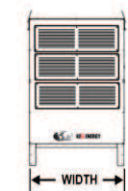
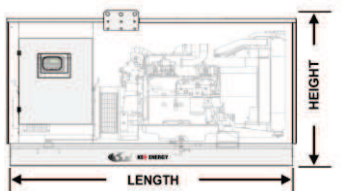


Genset Height



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 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 Power (kVA)
Other Displays
-Fuel level
Operating time

SPECIFICATION	
DC SUPPLY CONTINUOUS VOLTAGE RATING 8 V to 30 V (Continuous)	GENERATOR VOLTAGE RANGE 10 V - 330 V AC (S, N)
CRANKING DROPOUTS Able to survive 0 V for 30 ms, providing supply rate of least 100 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 cranking.	FREQUENCY RANGE 50 Hz to 75 Hz
MAXIMUM OPERATING CURRENT 240 mA at 12 V, 100 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 OVERALL 240 mm x 161 mm x 42 mm 9.4" x 7.7" x 1.6"
MAIN (UTILITY) DIE/GEN ONLY VOLTAGE RANGE 10 V - 330 V AC (S, N)	PANEL CUT-OUT 220 mm x 160 mm 8.7" x 6.3"
FREQUENCY RANGE 50 Hz to 75 Hz	MAXIMUM PANEL THICKNESS 8 mm 0.3"
OUTPUTS OUTPUT A (FUEL) 15 A DC at supply voltage	
OUTPUT B (START) 15 A DC at supply voltage	
OUTPUTS C & D 5 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

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



KES ENERGY MODEL	ENGINE MODEL					POWER At 50 Hz kW Prime	OPTIONS				CONTROLLER
Number	Make	Model	Power kWm 	Cyl. no. 	Disp. ltr. 		Open 	Enclosed 	Freq. 	RPM 	Standard 
KEPSW900		4006 23TAG3A	786	6	22.92	640	✓	✓	50/60	1500/1800	Deep Sea
KECSW900		QSK23G3	768	6	23.1	648	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW900		12V 2000G65	695	12	23.9	648	✓	✓	50/60	1500/1800	Deep Sea
KECSW1000		QST30G3	895	12	30.4	728	✓	✓	50/60	1500/1800	Deep Sea
KEPSW1000		4008TAG1A	882	8	30.56	728	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW1050		16V 2000G25	810	16	31.9	730.4	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW1160		16V 2000G65	890	16	31.9	800	✓	✓	50/60	1500/1800	Deep Sea
KECSW1100		QST30G4	970	12	30.4	816	✓	✓	50/60	1500/1800	Deep Sea
KEPSW1100		4008TAG2A	962	8	30.56	816	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW1300		18V 2000G65	1000	18	35.8	920	✓	✓	50/60	1500/1800	Deep Sea
KEPSW1385		4012 46TWG2A	1224	12	45.84	1000	✓	✓	50/60	1500/1800	Deep Sea
KECSW1400		KTA50G3	1227	16	50.4	1024	✓	✓	50/60	1500/1800	Deep Sea
KECSW1640		KTA50G8	1429	16	50.4	1120	✓	✓	50/60	1500/1800	Deep Sea

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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Spain Office: infospain@kes-energy.it