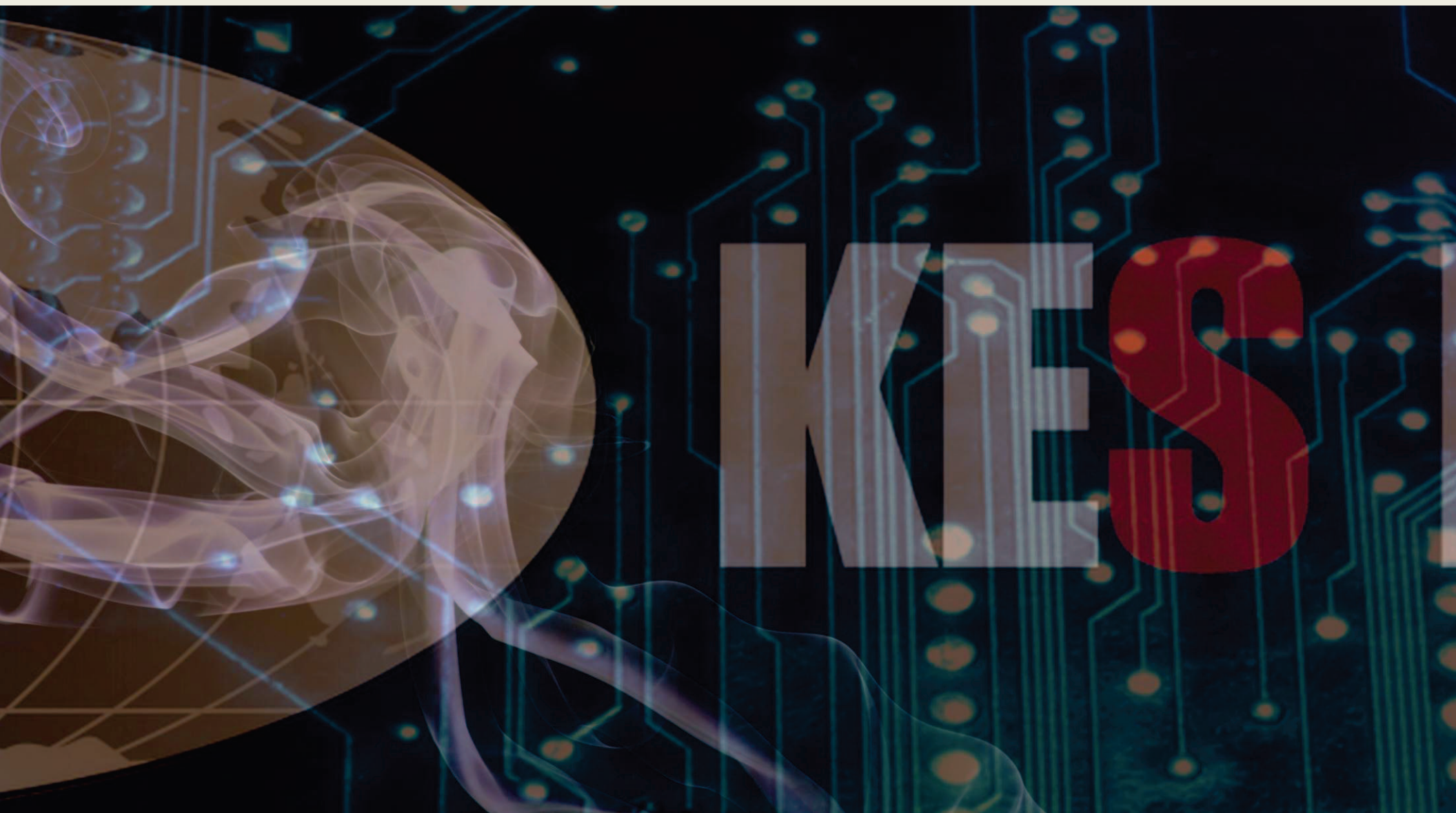




ICONOGRAPHY

GENSET MODEL NUMBER

KECSW55- O

↓ Engine Make
↓ Standby Power
↓ Open Set

KEPSW500- S

↓ Engine Make
↓ Standby Power
↓ Soundproof Enclosure

ENGINE MANUFACTURER



CUMMINS



PERKINS

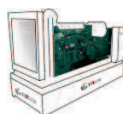


MTU



VOLVO PENTA

SPECIFICATIONS



Open Set



Soundproof Set

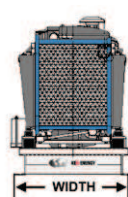
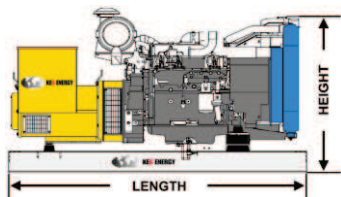


Prime Power



Standby Power

DIMENSIONS



Genset Length



Genset Width

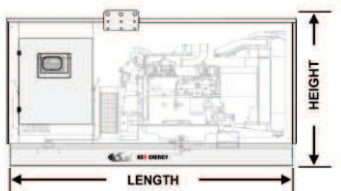


Genset Height



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 (5-40)
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"
MAINS (UTILITY) DIE/TEST ONLY VOLTAGE RANGE 10 V - 330 V AC (5-40)	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	OPTIONS				CONTROLLER
	Make	Model	Power kWm	Cyl. no.	Disp. ltr.	At 50 Hz kVA Prime	Open	Enclosed	Freq.	RPM	Standard
KEPSW1656		401246TAG2A	1459	12	45.84	1500	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW1800		12V 4000G23	1420	12	57.3	1650	✓	✓	50/60	1500/1800	Deep Sea
KEPSW1880		401246TAG3A	1643	12	45.84	1710	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW2000		12V 4000G63	1575	12	57.3	1850	✓	✓	50/60	1500/1800	Deep Sea
KECSW2250		QSK60G4	1915	16	60.3	2000	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW2300		16V 4000G23	1798	16	76.3	2100	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW2530		16V 4000G63	1965	16	76.3	2300	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW2800		20V 4000G23	2200	20	95.4	2550	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW3000		20V 4000G63	2420	20	95.4	2800	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW3360		20V 4000G63L	2590	20	95.4	3050	✓	✓	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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