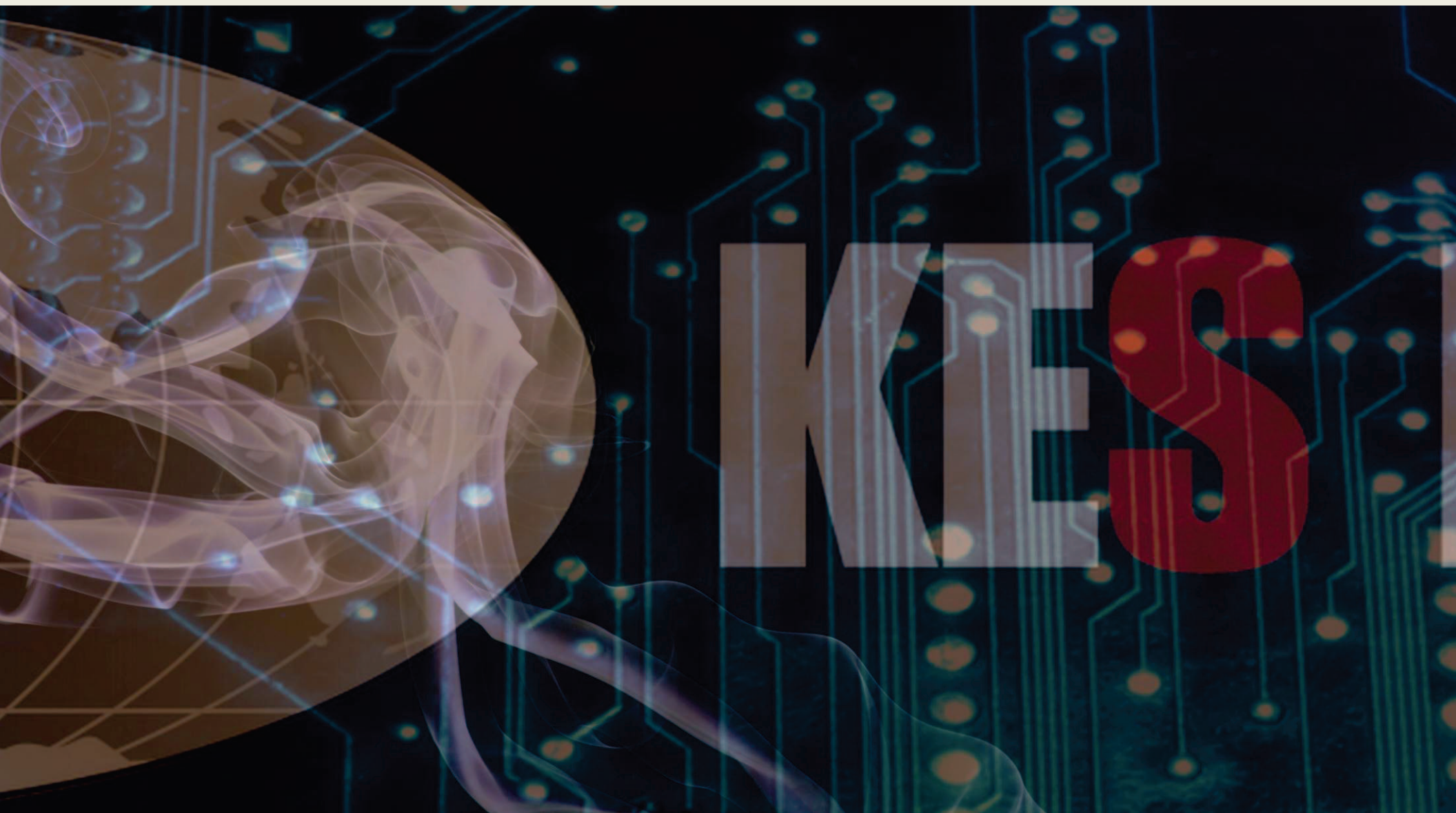




ICONOGRAPHY

GENSET MODEL NUMBER

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

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

ENGINE MANUFACTURER



CUMMINS



PERKINS

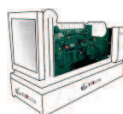


MTU



VOLVO PENTA

SPECIFICATIONS



Open Set



Soundproof Set

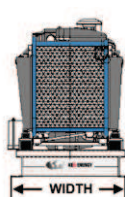
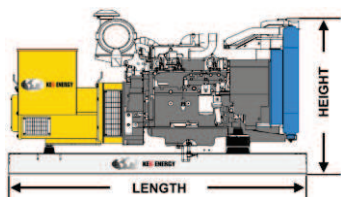


Prime Power



Standby Power

DIMENSIONS



Genset Length



Genset Width

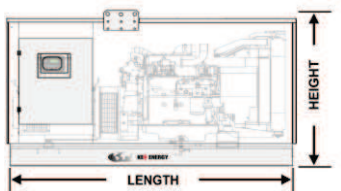


Genset Height

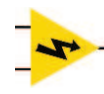


Genset Weight

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 6 V to 30 V (Continuous)	GENERATOR VOLTAGE RANGE 15 V - 330 V AC (5-40)
CRANKING DROPOUTS Able to survive 0 V for 30 min, 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 15 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 Standby	Open	Enclosed	Freq.	RPM	Standard
KEVSW415		TAD 1343 GE	366	6	12.78	415	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW440		8V 1600G20F	358	8	14	440	✓	✓	50/60	1500/1800	Deep Sea
KEPSW450		2206A E13TAG3	413	6	12.5	450	✓	✓	50/60	1500/1800	Deep Sea
KEVSW450		TAD 1344 GE	399	6	12.78	450	✓	✓	50/60	1500/1800	Deep Sea
KEVSW500		TAD 1345 GE	441	6	12.78	500	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW500		10V 1600G10F	407	10	17.5	500	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW550		10V 1600G20F	448	10	17.5	550	✓	✓	50/60	1500/1800	Deep Sea
KEPSW550		2506A E15TAG2	495	6	15.2	550	✓	✓	50/60	1500/1800	Deep Sea
KECSW550		QSI15G8	500	6	15	550	✓	✓	50/60	1500/1800	Deep Sea
KEVSW550		TAD 1641 GE	484	6	16.12	550	✓	✓	50/60	1500/1800	Deep Sea
KEVSW650		TAD 1642 GE	565	6	16.12	650	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW650		12V 1600G10F	524	12	21	650	✓	✓	50/60	1500/1800	Deep Sea
KEPSW660		2806AE18TAG1A	628	6	18.1	660	✓	✓	50/60	1500/1800	Deep Sea
KEVSW700		TWD 1643 GE	613	6	16.12	700	✓	✓	50/60	1500/1800	Deep Sea
KECSW700		VTA28G5	615	12	28	700	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW715		12V 1600G20F	576	12	21	715	✓	✓	50/60	1500/1800	Deep Sea
KEMTSW750		12V 2000G25	580	12	23.9	750	✓	✓	50/60	1500/1800	Deep Sea
KEPSW800		4006 23TAG2A	721	6	22.9	825	✓	✓	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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