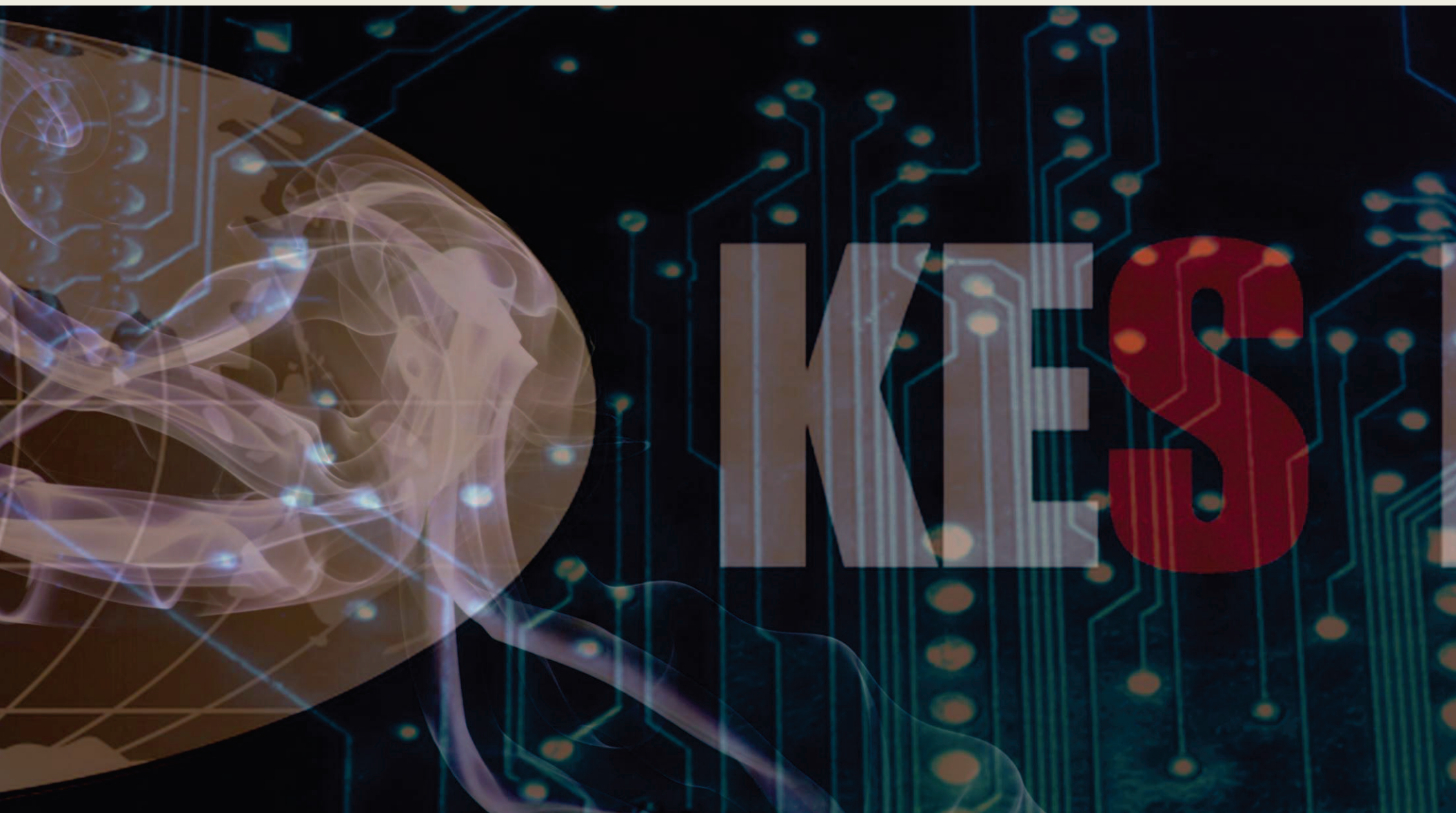




ICONOGRAPHY

GENSET MODEL NUMBER

KECSW55- O

↓ Engine Make
↓ Standby Power
↓ Open Set

KEPSW500- S

↓ Engine Make
↓ Standby Power
↓ Soundproof Enclosure

ENGINE MANUFACTURER



CUMMINS



PERKINS

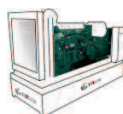


MTU



VOLVO PENTA

SPECIFICATIONS



Open Set



Soundproof Set

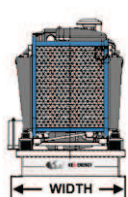
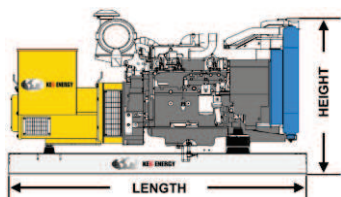


Prime Power



Standby Power

DIMENSIONS



Genset Length



Genset Width

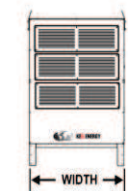
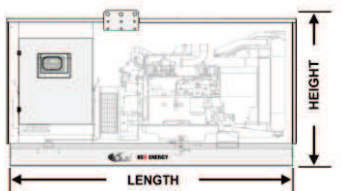


Genset Height



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
MAINS (UTILITY) DIE/TEST ONLY VOLTAGE RANGE 10 V - 330 V AC (5-40)	OVERALL 240 mm x 161 mm x 42 mm
FREQUENCY RANGE 50 Hz to 75 Hz	PANEL CUT-OUT 220 mm x 160 mm
OUTPUTS OUTPUT A (FUEL) 15 A DC at supply voltage	8.7" x 6.3"
OUTPUT B (START) 15 A DC at supply voltage	MAXIMUM PANEL THICKNESS 8 mm
OUTPUTS C & D 5 A 250 V (500 Hz)	0.5"
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	Width	Height	Weight	Standard
										
KEVSW94-O	TAD 530 GE	4	4.76	85 kVA	94 kVA	2300	1100	1500	950	DSE 7310
KEVSW110-O	TAD 531 GE	4	4.76	100 kVA	110 kVA	2300	1100	1500	1100	DSE 7310
KEVSW142-O	TAD 532 GE	4	4.76	130 kVA	142 kVA	2300	1100	1600	1220	DSE 7310
KEVSW165-O	TAD 731 GE	6	7.15	150 kVA	165 kVA	2600	1100	1700	1590	DSE 7310
KEVSW200-O	TAD 732 GE	6	7.15	180 kVA	200 kVA	2600	1100	1800	1680	DSE 7310
KEVSW220-O	TAD 733 GE	6	7.15	200 kVA	220 kVA	2600	1100	1800	1820	DSE 7310
KEVSW275-O	TAD 734 GE	6	7.15	250 kVA	275 kVA	2600	1100	2000	1980	DSE 7310
KEVSW300-O	TAD 940 GE	6	9.36	275 kVA	300 kVA	3000	1200	2000	2100	DSE 7310
KEVSW346-O	TAD 1341 GE	6	12.78	320 kVA	346 kVA	3000	1200	2000	2600	DSE 7310
KEVSW355-O	TAD 941 GE	6	9.36	325 kVA	355 kVA	3000	1200	2000	2650	DSE 7310
KEVSW385-O	TAD 1342 GE	6	12.78	350 kVA	385 kVA	3200	1200	2000	2960	DSE 7310
KEVSW415-O	TAD 1343 GE	6	12.78	375 kVA	415 kVA	3200	1200	2000	3050	DSE 7310
KEVSW450-O	TAD 1344 GE	6	12.78	410 kVA	450 kVA	3400	1200	2000	3250	DSE 7310
KEVSW500-O	TAD 1345 GE	6	12.78	455 kVA	500 kVA	3400	1200	2000	3400	DSE 7310
KEVSW550-O	TAD 1641 GE	6	16.12	500 kVA	550 kVA	3600	1250	2250	3800	DSE 7310
KEVSW650-O	TAD 1642 GE	6	16.12	590 kVA	650 kVA	3600	1300	2250	4300	DSE 7310
KEVSW700-O	TWD 1643 GE	6	16.12	630 kVA	700 kVA	3900	1500	2250	4700	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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