



ICONOGRAPHY

GENSET MODEL NUMBER

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

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

ENGINE MANUFACTURER



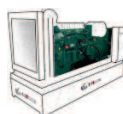
CUMMINS

PERKINS

MTU

VOLVO PENTA

SPECIFICATIONS



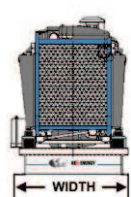
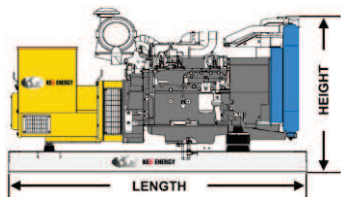
Open Set

Soundproof Set

Prime Power

Standby Power

DIMENSIONS



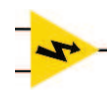
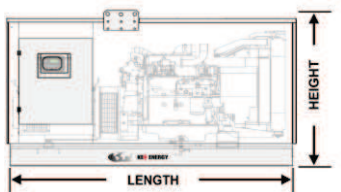
Genset Length

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 control 3P+N
Generator current control 3P
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
MAINS (UTILITY) DIESEL ONLY	OVERALL 340 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 (600 Hz)	
AUXILIARY OUTPUTS E,F,G,H 2 A DC at supply voltage	

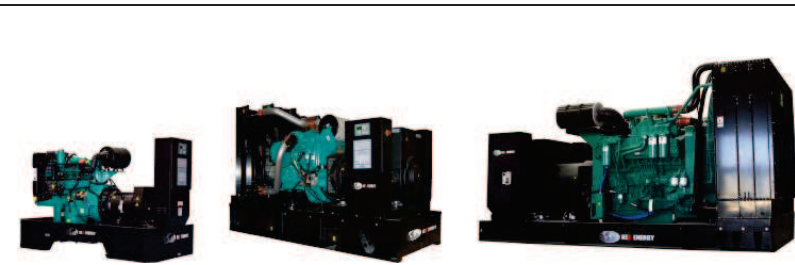
STANDARD CIRCUIT BREAKERS



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 kW Standby	Open	Enclosed	Freq.	RPM	Standard
KEVSW415		TAD 1343 GE	366	6	12.78	332	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW440		8V 1600G20F	358	8	14	352	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW450		2206A E13TAG3	413	6	12.5	360	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW450		TAD 1344 GE	399	6	12.78	360	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW500		TAD 1345 GE	441	6	12.78	400	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW500		10V 1600G10F	407	10	17.5	400	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW550		10V 1600G20F	448	10	17.5	440	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW550		2506A E15TAG2	495	6	15.2	440	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW550		QSX15G8	500	6	15	440	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW550		TAD 1641 GE	484	6	16.12	440	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW650		TAD 1642 GE	565	6	16.12	520	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW650		12V 1600G10F	524	12	21	520	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW660		2806AE18TAG1A	628	6	18.1	528	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW700		TWD 1643 GE	613	6	16.12	560	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW700		VTA28G5	615	12	28	560	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW715		12V 1600G20F	576	12	21	572	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW750		12V 2000G25	580	12	23.9	600	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW800		4006 23TAG2A	721	6	22.9	660	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	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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