



ICONOGRAPHY

GENSET MODEL NUMBER

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

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

ENGINE MANUFACTURER



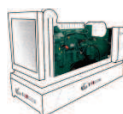
CUMMINS

PERKINS

MTU

VOLVO PENTA

SPECIFICATIONS



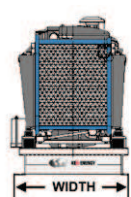
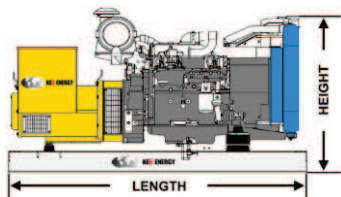
Open Set

Soundproof Set

Prime Power

Standby Power

DIMENSIONS



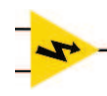
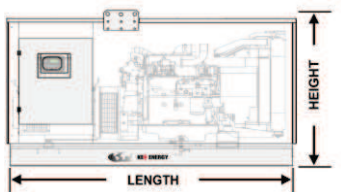
Genset Length

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 345 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 kVA Standby	Open	Enclosed	Freq.	RPM	Standard
KEPSW900	Perkins	4006 23TAG3A	786	6	22.92	900	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW900	Cummins	QSK23G3	768	6	23.1	900	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW900	MTU	12V 2000G65	695	12	23.9	900	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW1000	Cummins	QST30G3	895	12	30.4	1000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW1000	Perkins	4008TAG1A	882	8	30.56	1000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW1050	MTU	16V 2000G25	810	16	31.9	1050	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW1160	MTU	16V 2000G65	890	16	31.9	1160	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW1100	Cummins	QST30G4	970	12	30.4	1120	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW1100	Perkins	4008TAG2A	962	8	30.56	1125	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW1300	MTU	18V 2000G65	1000	18	35.8	1300	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW1385	Perkins	4012 46TWG2A	1224	12	45.84	1385	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW1400	Cummins	KTA50G3	1227	16	50.4	1400	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW1640	Cummins	KTA50G8	1429	16	50.4	1640	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea

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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