



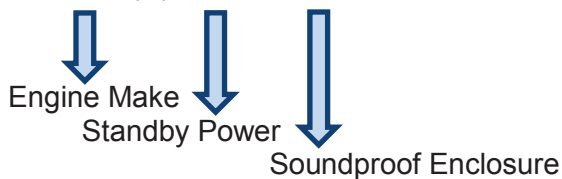
ICONOGRAPHY

GENSET MODEL NUMBER

KECSW55- O



KEPSW500- S



ENGINE MANUFACTURER



CUMMINS



PERKINS

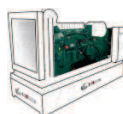


MTU



VOLVO PENTA

SPECIFICATIONS



Open Set



Soundproof Set

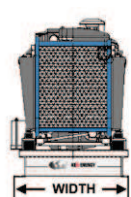
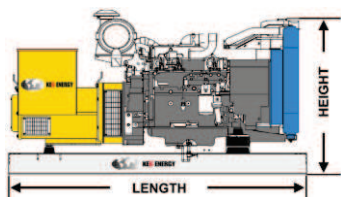


Prime Power



Standby Power

DIMENSIONS



Genset Length



Genset Width

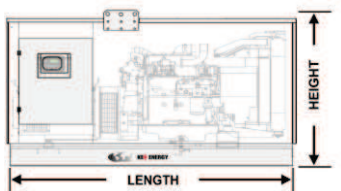


Genset Height



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	

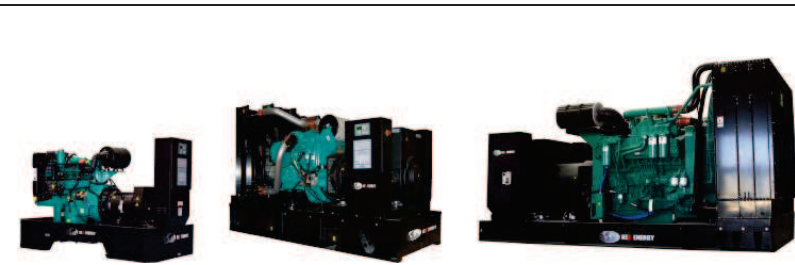
STANDARD CIRCUIT BREAKERS



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 At 50 Hz kW Prime	OPTIONS				CONTROLLER Standard
	Number	Make	Model	Power kWm	Cyl. no.		Disp. ltr.	Open	Enclosed	Freq.	
KEPSW165		1006TAG2	150.5	6	6	120	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW165		TAD 731 GE	153	6	7.15	120	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW176		6BTAA5.9G5	160	6	5.9	128	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW200		TAD 732 GE	179	6	7.15	144	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW200		1106C E66TAG4	180.4	6	6.6	148	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW220		TAD 733 GE	195	6	7.15	160	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW275		TAD 734 GE	250	6	7.15	200	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW275		1306C E87TAG6	224	6	8.7	200	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW275		QSL9G3	257	6	8.8	200	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW300		TAD 940 GE	277	6	9.36	220	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW300		6R 1600G10F	246	6	10.5	220	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW330		6R 1600G20F	274	6	10.5	240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW330		QSL9G5	310	6	8.8	240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW346		TAD 1341 GE	308	6	12.78	256	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW355		TAD 941 GE	323	6	9.36	260	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW385		TAD 1342 GE	343	6	12.78	280	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW400		2206A E13TAG2	368	6	12.5	280	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW400		NTA855G4	351	6	14	296	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEMTSW400		8V 1600G10F	325	8	14	296	<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:

HEADQUARTERS (Italy) info@kes-energy.it

Dubai Office: infodubai@kes-energy.it

Spain Office: infospain@kes-energy.it