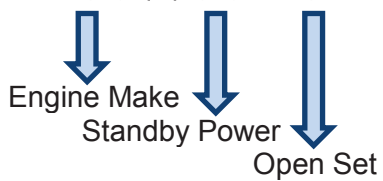




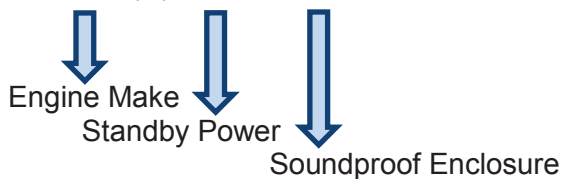
# ICONOGRAPHY

## GENSET MODEL NUMBER

KECSW55- O



KEPSW500- S



## ENGINE MANUFACTURER



CUMMINS



PERKINS

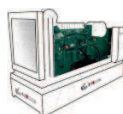


MTU



VOLVO PENTA

## SPECIFICATIONS



Open Set



Soundproof Set

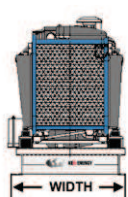
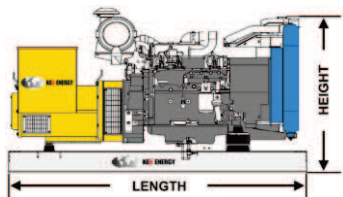


Prime Power



Standby Power

## DIMENSIONS



Genset Length



Genset Width

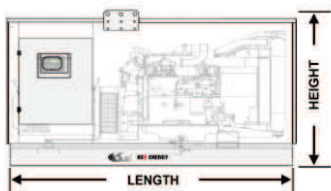


Genset Height



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	
<b>DC SUPPLY</b>	<b>GENERATOR</b>
<b>CONTINUOUS VOLTAGE RATING</b> 8 V to 30 V Continuous	<b>VOLTAGE RANGE</b> 15 V - 330 V AC (5-40)
<b>DRAWING DROPOUTS</b> 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.	<b>FREQUENCY RANGE</b> 55 Hz to 75 Hz
<b>MAXIMUM OPERATING CURRENT</b> 340 mA at 12 V; 150 mA at 24 V	<b>MAGNETIC PICK UP</b> <b>VOLTAGE RANGE</b> +/- 0.5 V to 75 V
<b>MAXIMUM STANDBY CURRENT</b> 100 mA at 12 V; 50 mA at 24 V	<b>FREQUENCY RANGE</b> 10,000 Hz (max)
<b>CHARGE FAIL/EXCITATION RANGE</b> 0 V to 30 V	<b>DIMENSIONS</b>
<b>MAINS (UTILITY) DSE1200 ONLY</b>	<b>OVERALL</b> 340 mm x 161 mm x 42 mm
<b>VOLTAGE RANGE</b> 15 V - 330 V AC (5-40)	<b>PANEL CUT-OUT</b> 220 mm x 160 mm
<b>FREQUENCY RANGE</b> 55 Hz to 75 Hz	<b>8.7" x 6.3"</b>
<b>OUTPUTS</b>	<b>MAXIMUM PANEL THICKNESS</b> 8 mm
<b>OUTPUT A (FUEL)</b> 15 A DC at supply voltage	<b>0.8"</b>
<b>OUTPUT B (START)</b> 15 A DC at supply voltage	
<b>OUTPUTS C &amp; D</b> 8 A 250 V (500 Hz)	
<b>AUXILIARY OUTPUTS E,F,G,H</b> 2 A DC at supply voltage	

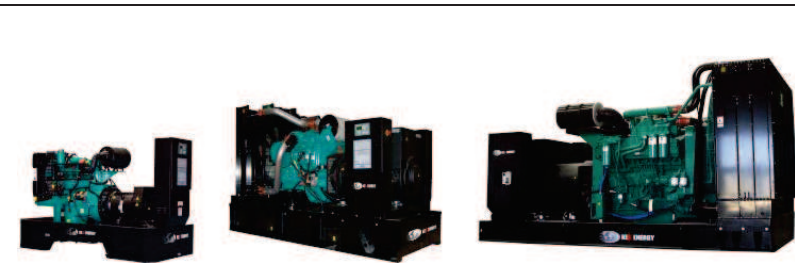
## STANDARD CIRCUIT BREAKERS



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
KEPSW10	Perkins	403 D 11G	8.6	3	1.13	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW11	Cummins	X1.3G1	8.3	3	1.3	8.8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW15	Perkins	403D15G	13.5	3	1.5	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW22	Perkins	404D22G	20.6	4	2.2	17.6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW22	Cummins	X2.5G2	27	3	2.5	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW33	Perkins	1103A33G	31	3	3.3	26.4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW38	Cummins	X3.3G1	36	4	3.3	30.4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW44	Cummins	S3.8G4	43.4	4	3.8	35.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW50	Perkins	1103A 33TG1	46.5	3	3.3	40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW55	Cummins	S3.8G6	53.6	4	3.8	44	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW66	Cummins	S3.8G7	64.9	4	3.8	52.8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW66	Perkins	1103A 33TG2	60.5	3	3.3	52.8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW72	Perkins	1104A-44TG1	65.6	4	4.4	57.6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW94	VOLVO PENTA	TAD 530 GE	89	4	4.76	75.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW110	VOLVO PENTA	TAD 531 GE	102	4	4.76	88	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW110	Cummins	6BTA5.9G5	102	6	5.9	88	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW111	Perkins	1104C 44TAG2	103	4	4.4	88.8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KECSW137	Cummins	6BTA5.9G3	135	6	5.9	109.6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEVSW142	VOLVO PENTA	TAD 532 GE	129	4	4.76	113.6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	50/60	1500/1800	Deep Sea
KEPSW150	Perkins	1006TAG	141	6	6	120	<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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