



# ICONOGRAPHY

## GENSET MODEL NUMBER

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

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

## ENGINE MANUFACTURER



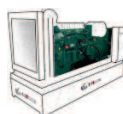
CUMMINS

PERKINS

MTU

VOLVO PENTA

## SPECIFICATIONS



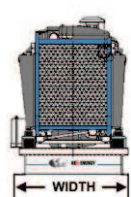
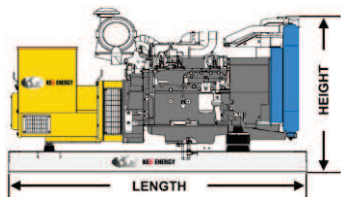
Open Set

Soundproof Set

Prime Power

Standby Power

## DIMENSIONS



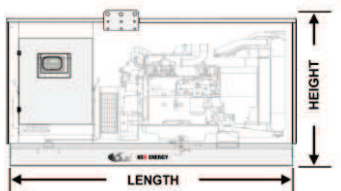
Genset Length

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	
<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>MAXIMUM STANDBY CURRENT</b> 100 mA at 12 V; 50 mA at 24 V	<b>VOLTAGE RANGE</b> ±0.5 V to 75 V
<b>CHARGE FAIL/EXCITATION RANGE</b> 0 V to 30 V	<b>FREQUENCY RANGE</b> 10,000 Hz (max)
<b>MANU (UTILITY) DSE1200 ONLY</b>	<b>DIMENSIONS</b>
<b>VOLTAGE RANGE</b> 15 V - 330 V AC (5-40)	<b>OVERALL</b> 345 mm x 161 mm x 42 mm
<b>FREQUENCY RANGE</b> 55 Hz to 75 Hz	<b>PANEL CUT-OUT</b> 220 mm x 160 mm
<b>OUTPUTS</b>	<b>8.7" x 6.3"</b>
<b>OUTPUT A (FUEL)</b> 15 A DC at supply voltage	<b>MAXIMUM PANEL THICKNESS</b> 8 mm
<b>OUTPUT B (START)</b> 15 A DC at supply voltage	<b>0.8"</b>
<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	

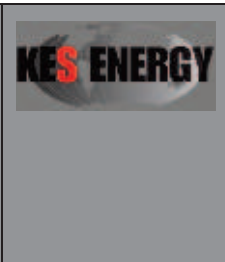
## STANDARD CIRCUIT BREAKERS



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	
	Number	Make	Model	Power kWm	Cyl. no.	Disp. ltr.	At 50 Hz kW Prime	Open	Enclosed	Freq.	RPM	Standard
KEPSW1656	Perkins	401246TAG2A	1459	12	45.84	1200						
KEMTSW1800	MTU	12V 4000G23	1420	12	57.3	1320						
KEPSW1880	Perkins	401246TAG3A	1643	12	45.84	1368						
KEMTSW2000	MTU	12V 4000G63	1575	12	57.3	1480						
KECSW2250	Cummins	QSK60G4	1915	16	60.3	1600						
KEMTSW2300	MTU	16V 4000G23	1798	16	76.3	1680						
KEMTSW2530	MTU	16V 4000G63	1965	16	76.3	1840						
KEMTSW2800	MTU	20V 4000G23	2200	20	95.4	2040						
KEMTSW3000	MTU	20V 4000G63	2420	20	95.4	2240						
KEMTSW3360	MTU	20V 4000G63L	2590	20	95.4	2440						



# 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](mailto:info@kes-energy.it)

Dubai Office: [infodubai@kes-energy.it](mailto:infodubai@kes-energy.it)

Spain Office: [infospain@kes-energy.it](mailto:infospain@kes-energy.it)