



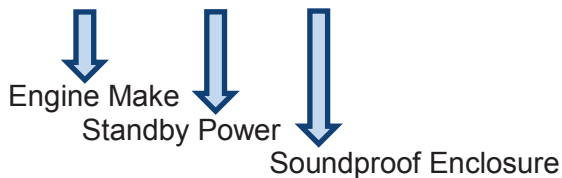
ICONOGRAPHY

GENSET MODEL NUMBER

KECSW55- O



KEPSW500- S



ENGINE MANUFACTURER



CUMMINS



PERKINS

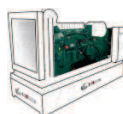


MTU



VOLVO PENTA

SPECIFICATIONS



Open Set



Soundproof Set

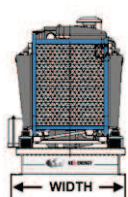
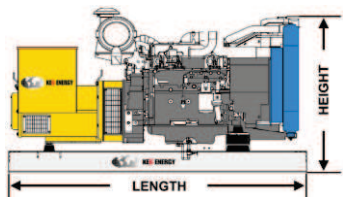


Prime Power



Standby Power

DIMENSIONS



Genset Length



Genset Width

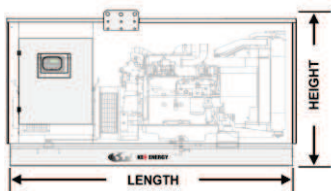


Genset Height



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
MAXIMUM STANDBY CURRENT 100 mA at 12 V; 50 mA at 24 V	VOLTAGE RANGE ±0.5 V to 75 V
CHARGE FAIL/EXCITATION RANGE 0 V to 30 V	FREQUENCY RANGE 10,000 Hz (max)
MANU (UTILITY) DSE1200 ONLY	DIMENSIONS
VOLTAGE RANGE 15 V - 330 V AC (5-40)	OVERALL 345 mm x 161 mm x 42 mm
FREQUENCY RANGE 55 Hz to 75 Hz	PANEL CUT-OUT 220 mm x 160 mm
OUTPUTS	8.7" x 6.3"
OUTPUT A (FUEL) 15 A DC at supply voltage	MAXIMUM PANEL THICKNESS 8 mm
OUTPUT B (START) 15 A DC at supply voltage	0.8"
OUTPUTS C & D 8 A 250 V (500 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	
	Number	Make	Model	Power kWm	Cyl. no.	Disp. ltr.	At 50 Hz kW Prime	Open	Enclosed	Freq.	RPM	Standard
KEPSW10		403 D 11G	8.6	3	1.13	7.2						
KECSW11		X1.3G1	8.3	3	1.3	8.8						
KEPSW15		403D15G	13.5	3	1.5	10.4						
KEPSW22		404D22G	20.6	4	2.2	16						
KECSW22		X2.5G2	27	3	2.5	16						
KEPSW33		1103A33G	31	3	3.3	24						
KECSW38		X3.3G1	36	4	3.3	28						
KECSW44		S3.8G4	43.4	4	3.8	32						
KEPSW50		1103A 33TG1	46.5	3	3.3	36						
KECSW55		S3.8G6	53.6	4	3.8	40						
KECSW66		S3.8G7	64.9	4	3.8	48						
KEPSW66		1103A 33TG2	60.5	3	3.3	48						
KEPSW72		1104A-44TG1	65.6	4	4.4	52						
KEVSW94		TAD 530 GE	89	4	4.76	68						
KEVSW110		TAD 531 GE	102	4	4.76	80						
KECSW110		6BTA5.9G5	102	6	5.9	80						
KEPSW111		1104C 44TAG2	103	4	4.4	81						
KECSW137		6BTA5.9G3	135	6	5.9	100						
KEVSW142		TAD 532 GE	129	4	4.76	104						
KEPSW150		1006TAG	141	6	6	109						

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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