



ICONOGRAPHY

GENSET MODEL NUMBER

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

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

ENGINE MANUFACTURER



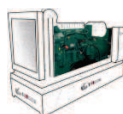
CUMMINS

PERKINS

MTU

VOLVO PENTA

SPECIFICATIONS



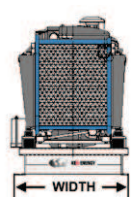
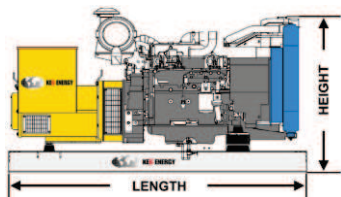
Open Set

Soundproof Set

Prime Power

Standby Power

DIMENSIONS



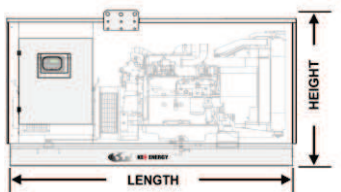
Genset Length

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 3P+N
control
Generator current 3P
control
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
MANUAL UTILITY DSE1200 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 (500 Hz)	
AUXILIARY OUTPUTS E,F,G,H 2 A DC at supply voltage	

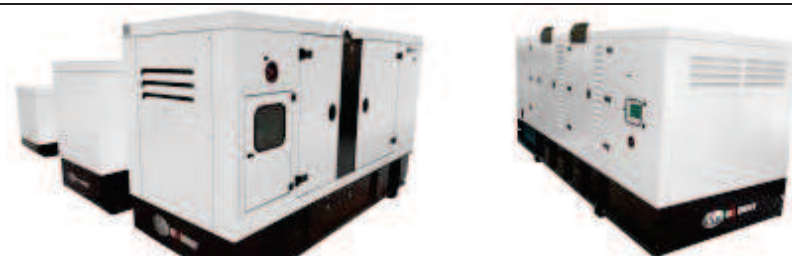
STANDARD CIRCUIT BREAKERS



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

50 Hz

KES ENERGY MODEL	ENGINE MODEL	ENGINE MODEL		POWER		WEIGHT AND DIMENSIONS				Controller
		Cyl no.	Disp. ltr	Prime	Standby	Length mm	Width mm	Height mm	Weight Kg	Standard
										
KEVSW94-S	TAD 530 GE	4	4.76	85 kVA	94 kVA	3000	1300	1600	1050	DSE 7310
KEVSW110-S	TAD 531 GE	4	4.76	100 kVA	110 kVA	3000	1300	1600	2100	DSE 7310
KEVSW142-S	TAD 532 GE	4	4.76	130 kVA	142 kVA	3000	1300	1600	2260	DSE 7310
KEVSW165-S	TAD 731 GE	6	7.15	150 kVA	165 kVA	3500	1500	1950	2650	DSE 7310
KEVSW200-S	TAD 732 GE	6	7.15	180 kVA	200 kVA	3500	1500	1950	2920	DSE 7310
KEVSW220-S	TAD 733 GE	6	7.15	200 kVA	220 kVA	3500	1500	1950	3200	DSE 7310
KEVSW275-S	TAD 734 GE	6	7.15	250 kVA	275 kVA	3700	1600	2100	3750	DSE 7310
KEVSW300-S	TAD 940 GE	6	9.36	275 kVA	300 kVA	3700	1600	2100	3920	DSE 7310
KEVSW346-S	TAD 1341 GE	6	12.78	320 kVA	346 kVA	3700	1600	2100	4200	DSE 7310
KEVSW355-S	TAD 941 GE	6	9.36	325 kVA	355 kVA	3700	1600	2100	4280	DSE 7310
KEVSW385-S	TAD 1342 GE	6	12.78	350 kVA	385 kVA	4600	1600	2200	4600	DSE 7310
KEVSW415-S	TAD 1343 GE	6	12.78	375 kVA	415 kVA	3700	1600	2200	4900	DSE 7310
KEVSW450-S	TAD 1344 GE	6	12.78	410 kVA	450 kVA	4600	1600	2200	4900	DSE 7310
KEVSW500-S	TAD 1345 GE	6	12.78	455 kVA	500 kVA	4600	1600	2200	5300	DSE 7310
KEVSW550-S	TAD 1641 GE	6	16.12	500 kVA	550 kVA	5000	1700	2250	5820	DSE 7310
KEVSW650-S	TAD 1642 GE	6	16.12	590 kVA	650 kVA	5000	1700	2250	6100	DSE 7310
KEVSW700-S	TWD 1643 GE	6	16.12	630 kVA	700 kVA	5000	1700	2250	6500	DSE 7310

Dimensions and weight subject to change without prior notice



For more information, to request a technical specifications data sheet, or for tailor-made solutions, please contact KES ENERGY:

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