

KMA110

ISO9001, ISO14001, CE, EN60204-1, EN ISO 12100, EN ISO 8528-13, EN ISO 3046-1-2002

GENERATOR

Prime power (kVA/kW) as ISO8528	100/80
Standby power (kVA/kW) as ISO8528	110/88
Rate voltage (V)	400/230
Phase No.	3
Frequency (Hz)	50
P.F	0.8
Fuel	Diesel
	100% ≤ 29
Fuel consumption (L/h)	75% ≤ 24
	50% ≤ 17
Dimension LxWxH (mm)	~ 2.600 x 1.100 x 1.650 mm
Weight (kG)	~ 1460 kG

ENGINE

Brand	KUMA
Model	KM4L95
Prime/Standby power (kWm)	90/95
Bore x Stroke (mm)	100x130
Speed regulation (%)	±1
Displacement (L)	4.8
Cylinder arrangement	4-L
Compression ratio	16:1
Aspiration	Turbocharger, After-cooled
Governor	Electric
Injection	Direct
Cooling type	Radiator & Fan
Starting motor (Vdc)	24
Oil capacity (L)	17
Coolant capacity (L)	12

ALTERNATOR

Brand	KUMA
Model	KM274B
Prime/ Standby power (kVA)	100/110
Type	Brushless, Self-excited
Voltage regulator	AVR
Voltage regulation	±1
Mechanical protection class	IP23
Insulation class	H
Cooling	Air-cooled
Bearing	Single
THD	≤5%



BASE FRAME | CANOPY

Noise level lower 75±5 dB at 7m

Durable enclosure & base frame made from ≥2mm plate steel, powder-coated for heat, moisture, and corrosion resistance

Fire-retardant insulation helps reduce noise

User-friendly doors with viewing windows and secure locks, allowing quick access for operation, inspection, and maintenance

Advanced anti-vibration mounts ensure stable and quiet performance

Outdoor & weatherproof canopy type

CONTROL SYSTEM

Brand	DEESEA
Model	DSE6120 MKIII
Type	Digital
Display	LCD
Operation mode	AUTO MAN RESET
	START STOP E-STOP
LED light	Gen On Load on Gen Alarm
	Main On Load on Gen Status



Voltage L-L, L-N (Gen & Main)

Frequency (Gen & Main)

Phase sequence (Gen & Main)

Monitoring Current, kVA, kVAR, kW, %kW, kWh, P.F

Battery Volt, Charger Volt

Speed, Oil pressure, Cooling Temperature

Running hour, Event, Real clock

	Volt	Freq	Speed
Over	Load	Current	Bat Volt
Protecting	Cooling temp		
function	Volt	Freq	Speed
(Warning/	Bat Volt	Oil pressure	
Shutdown)	Loss of phase	Emergency stop	
	Failure to start	Failure to stop	
	Failure to charging	Maintenance alert	

Accessories

Batteries	Muffler	Oil filters	Fuel filters	Air filters
Auto charger	Rubber shock absorbers			Optional