

KMY680

ISO9001:2015, ISO14001:2015, CE, ISO8528, ISO3046, IEC34

GENERATOR

Prime power (kVA/kW)		630/504
Standby power (kVA/kW)		700/560
Rate voltage (V)		400/230, 380/220
Phase No.		3
Frequency (Hz)		50
P.F		0.8
Fuel		Diesel
	100%	140
Fuel consumption (L/h)	75%	108
	50%	75
Fuel tank capacity (L)		800±1000
Dimension LxWxH (mm)		~ 4.7 x 2.1 x 2.5 m
Weight (kG)		~ 6200 kG

ENGINE

Brand		KUMA
Model		KM12V-28
L.T.P power (kWm)		700
Speed (Rpm)		1500
Speed regulation (%)		±1
Displacement (L)		28
Cylinder arrangement		V-12
Compression ratio		16:1
Aspiration		Turbocharger, After-cooled
Governor		Electric
Injection		Direct
Cooling type		Radiator & Fan
Starting motor (Vdc)		24
Oil capacity (L)		65
Coolant capacity (L)		147

ALTERNATOR

Brand		KUMA
Model		KM354E
Prime/Standby power (kVA)		630/700
Type		Brushless, Sefl-excited
Voltage regulator		AVR
Voltage regulation		±1
Mechanical protection class		IP23
Insulation class		H
Cooling		Air-cooled
Bearing		Single



BASE FRAME | CANOPY

- Noise level lower 75dB±5 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		KUMA
Model		KM6010
Type		Digital
Display		LCD
Operation mode		AUTO MAN REMOTE
		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/	Under	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