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# KMGP450 GENSET

Generating Set Powered By Perkins STAMFORD LEROY-SOMER™

### Output Ratings

Frequency, Speed/Volt	Prime Power	Standby Power
1500rpm, 50 Hz / 400V	320KWe / 400KVA	360KWe / 450KVA

### Genset Specifications

Engine Make & Model	Perkins 2206A-EI3TAG3
Origin	USA
Alternator Type	S4LID-F4I/TAL0473A
Control Panel	Deep Sea - 7310 MKII
Circuit Breaker Type	3 Pole MCCB

### Tropical Cooling System

Digital Electronic Governor

Turbocharged

### Exceptional Power to Weight Ratio

Fuel System (prime)	50%	75%	100%
1500rpm, 50 Hz (L/hr)	42	62	81

### International Standards

Engine conform to ISO 9001:2000, ISO 14001, ISO 10054, ISO 3046, BS 5514, DIN 6271. Alternator conform to ISO 9001, ISO 14001, BS EN 60034, BS 5000, VDE 0530, NEMA MG1-32, IEC34 CSA C22.2-100, AS 1359, BS 6861 I, B En 61000-6-2:2001



### RATING GUIDELINES

**PRIME POWER** rating corresponds to ISO Standard Power for continuous operation. It is applicable for supplying electrical power at variable load for an unlimited number of hours instead of commercially purchased power. A10 % overload capability for governing purpose is available for this rating.

**MAXIMUM STANDBY POWER** rating corresponds to ISO Standard Fuel Stop Power. It is applicable for supplying standby electrical power at variable load in areas with well established electrical networks in the event of normal utility power failure. No overload capability is available for this rating. **1 hp = 1 kW x 1.36**

### Engine Technical Data

No. of Cylinders / Alignment	6 In Line
Cycle	4 Stroke
Aspiration	Turbocharged
Injection	Direct
Bore, mm	130
Stroke, mm	157
Displacement, l	12.5
Compression Ratio	16.3:1
Starting	24V Electric
Alternators, Amps	24V/70A

### Alternator Technical Data

No. of Bearings	Single Bearing
Insulation System	Class H
Excitation	Self Excited
Voltage Regulator	AS440/R150
Protection	IP23
Temperature Rise, °C	Prime 125/40
Regulation	±1.0% ±- 0.8%
No. of Phases	3
No. of Poles	4

### Dimensions (m) & Weights (kg)

	L	W	H	Weight	Tank Capacity(L)
Open	3.35	1.20	1.98	2760	375
Enclosed	4.84	1.44	2.35	4535	554

