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# KMGP-435-1 GENSET

Generating Set Powered By **PERKINS** **STAMFORD LEROY-SOMER™**

Output Ratings		
Frequency,Speed/Volt	Prime Power	Standby Power
1800rpm,60 Hz/416-440V	320KWe / 400KVA	348KWe / 435KVA

Genset Specifications			
Engine Make & Model	Perkins 2206A-EI3TAG3		
Origin	USA		
Alternator Type	S4LID-E4I/TAL046H		
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%
1800rpm, 60 Hz (L/hr)	43	62	81

### International Standards

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 Alternator □□□□ 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 Standby 163/27
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

