



Image for illustration purposes only

# KMGP66 GENSET

Generating Set Powered By Perkins STAMFORD LEROY-SOMER™

Output Ratings		
Speed,Frequency/Volt	Prime Power	Standby Power
1500rpm, 50 Hz / 400V	48KWe / 60KVA	53KWe / 66KVA

Genset Specifications			
Engine Make & Model	Perkins I103A-33TG2		
Origin	UK		
Alternator Type	UCI224F/SIL2-YI/TAL042H		
Control Panel	Deep Sea - 6110 MKIII		
Circuit Breaker Type	3 Pole MCCB		
Water Cooling System			
Mechanical Governor			
Electrical Stop Solenoid, Energized to Run			
Compact Size			
Fuel System (prime)	50%	75%	100%
1500rpm, 50 Hz (L/hr)	7.56	10.8	14.6

### International Standards

Engine confirm to ISO 9001:2000, ISO 14001, ISO 10054, ISO 3046, BS 5514, DIN 6271. Alternator confirm to ISO 9001, ISO 14001, BS EN 60034, BS 5000, VDE 0530, NEMA MG1-32, IEC34 CSA C22.2-100, AS 1359, BS 6861 1, 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	3 In Line
Cycle	4 Stroke
Aspiration	Turbocharged
Injection	Direct
Bore, mm	105
Stroke, mm	127
Displacement, l	3.3
Compression Ratio	17.25:1
Starting	12V Electric
Alternators, Amps	12V/65A

Alternator Technical Data	
No. of Bearings	Single Bearing
Insulation System	Class H
Excitation	Self Excited
Voltage Regulator	AS440/AS540/R120
Protection	IP23
Temperature Rise, °C	Prime 125/40
Regulation	±1.0%
No. of Phases	3
No. of Poles	4

Dimensions (m) & Weights (kg)					
	L	W	H	Weight	Tank Capacity(L)
Open	1.75	0.72	1.21	890	90
Enclosed	2.26	0.96	1.27	1390	145

