

**Powering Your Business**

**3-Phase  
Rating @ 0.8 PF**

**Perkins  
2806A – E18TAG2**

**Leroy Somer  
LSA 49.1 S4**

Voltage	Frequency	Prime Power	Stand-by Power	
415/240	50 Hz	650 kVA 520 kWE	700 kVA 560 kWE	974 Amps
400/230	50 Hz	650 kVA 520 kWE	700 kVA 560 kWE	1010 Amps
380/220	50 Hz	650 kVA 520 kWE	700 kVA 560 kWE	1064 Amps



**Ratings Definitions**

**Prime Power (PRP)** is the nominal output continuously available, where the average load(variable) does not exceed 80% of the prime power rating. 10% overload is available for a Maximum of 1 hour in 12 hours operation.

**Standby Power (LTP)** the maximum output available (at variable load), for up to 250 hours per year. The average load (variable) must not exceed 80% of the standby power rating. The genset must not operate at standby rating, in parallel with the public utility under any circumstances.

**Standard Reference Conditions:** air inlet temperature 50°C, barometric pressure 100kPa [110m(361ft) altitude] and 90% relative humidity.

**Note:** The above ratings may be subject to derate at different operating conditions. Please see the Derate Guidelines on the Gemnet Gulf website.

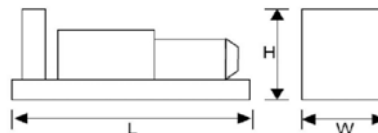
All power ratings and references in accordance with ISO 8528-1 and ISO 3046-1.

**Key Features**

- Engine – driven battery charging alternator
- Spin oil and fuel filters and dry type air filter element
- Fully welded steel baseframe with lifting / jacking points
- Auto start control system with digital instrumentation
- Main line circuit breaker
- Factory Test Certificate
- Operation & Maintenance Manual
- Wide range of optional extra features available
- Efficient water cooled Diesel engine
- Single bearing Leroy Somer alternator
- Industrial silencer
- Radiator with pressure cap and drain point
- Fully guarded engine – driven fan
- Various fuel system options
- Heavy duty rubber anti-vibration mountings
- 24V starter batteries and connecting cables

**Overall Dimensions & Weights - Close Set**

Length (L) = 5140 mm  
Width (W) = 2000 mm  
Height = 2400 mm  
Dry Weight (inc oil)= 7300 kg  
Operating Weight = 7450 kg



dBa @ 3 M closed set	Typical Open Generator Sound Pressure Level at 3m, Free Field (dB)							
Overall dBA	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
106	95	100	101	101	99	99	95	94

All specifications and design are subject to change without notice