




## P269

### OUTPUT RATING

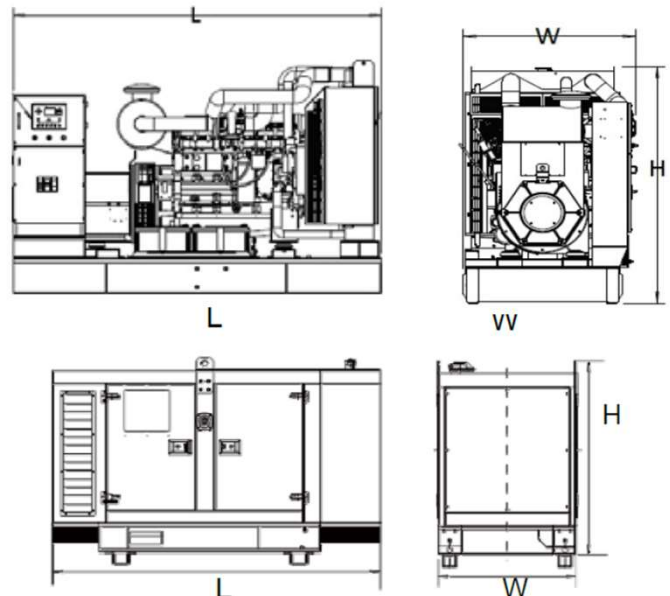
Standby	Prime	Voltages
215 kW	196 kW	208/120, 220/127
269 kVA	245 kVA	440/254, 480/277

### GENERAL SPECIFICATIONS

Engine	Alternator	Control Panel
 Perkins	 LEROY SOMER	 ComAp™ <small>The heart of smart control</small>
<b>1506A-E88TAG2 (UK)</b>	<b>TAL-A46-C</b>	<b>InteliLite IL-9</b>
6 cyl in Line	3PH WYE/Delta	Auto Start
Turbo/Aftercooled	12 Lead	7 inputs/6 outputs
Electronic/ECM	4 pole, 1 Bearing	3 analog inputs
24vdc	SX460	Remote Monitor

### Weights & Dimensions

	Open	Silent
Length (L)mm	2750	4120
Width (W)mm	1180	1286
Height (H)mm	1730	2207
Net Weight kg	2310	3050



### Fuel Consumption /hr

	Liters	Gallons
100% Standby Power	N/A	N/A
100% Prime Power	N/A	N/A
75% Prime Power	N/A	N/A
50% Prime Power	N/A	N/A
<b>Fuel Tank Capacity, Open</b>	<b>450</b>	<b>118.8</b>
<b>Fuel Tank Capacity, Canopy</b>	<b>425</b>	<b>112.2</b>

#### Standby Rating:

According to ISO 8528-1:2005, standby power is the maximum power available during variable electrical power sequence, under the stated operational conditions for which a generating set is capable of delivering in the event of a utility power outage for up to 200 hrs. per year while meeting manufacturers recommended operation and maintenance requirements. The permissible average power output over a 24 hr. period shall not exceed 70% of this rating.

#### Prime Rating:

According to ISO 8528-1:2005, prime power is the maximum power which a generating set is capable of delivering continuously while supplying a variable electrical load when operated for an unlimited number of hours per year while meeting manufacturers recommended operation and maintenance requirements. The permissible average output (Ppp) over a 24 hr. period shall not exceed 70% of this rating.

Blue Power gensets are compliant with EC mark which include the following directives:

\* 2006/42/EC Machinery Safety.

\* 2006/95/EC Low Voltage.

\* EN 60204-1 2006+A1:2009, EN ISO 12100: 2010, EN ISO 13849-1: EN 12601: 2010

## Engine Specifications

Engine Model	1506A-E88TAG2
Engine Type	6 Cyl. In-Line
Bore x Stroke (mm)	112x149
Displacement (L)	8.8 L
Engine H.P. at 100% Standby Power	321
Compression Ratio	16.1:1
Aspiration Type	TurboChg/Aftercooled
Intake Air Flow, m <sup>3</sup> /min (cfm)	
Injection Type	MEUI/ECM
Governor Type	ECM
Total Coolant Capacity	36 L
Oil Capacity	41 L
Electrical System Voltage	24vdc
Max Exhaust Back Pressure	10 kPa
Exhaust Gas Flow, m <sup>3</sup> /min (cfm)	
Exhaust Gas Temp.	



## A.C. Alternator Data

Leroy Somer Model	TAL-A46-C	Standard AVR Model	R 150
Bearings	1	Excitation Type	Shunt
Power Factor	0.8	Voltage Regulation	±1.0%
Insulation Class	H	Max. Overspeed	2250 rpm
Winding Pitch	2/3	THF Interference	<2%
Ingress Protection	IP23	TIF Interference	<50

Alternator Performance Data	60 Hz			
	Voltage Series Star (WYE)	416/240	440/254	460/266
Voltage Parallel Star (WYE)	208/120	220/127	230/133	240/138
Voltage Series Delta	240/120	254/127	266/133	277/138
kVA Base Rating	288	300	313	319
Locked Rotor Motor Starting kVA*	510	570	620	675

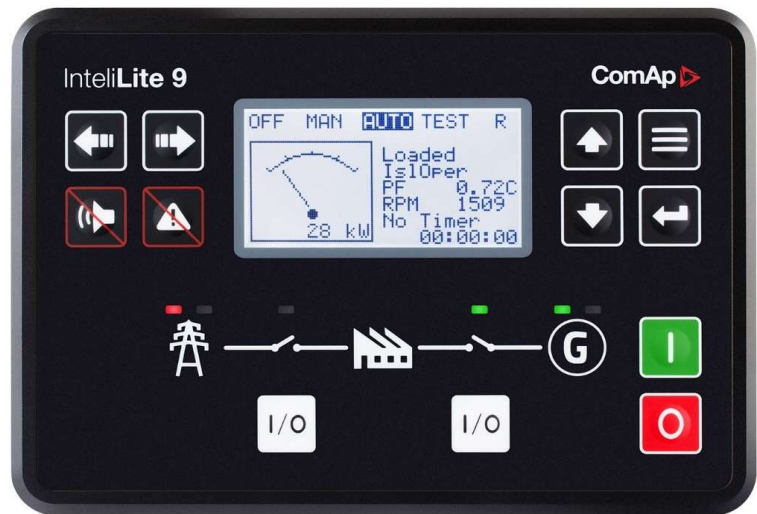
\*With SX460 AVR, 30% Voltage dip at 0.8 Pf

Leroy Somer complies with international standards and regulations: IEC 60034 and derivative, they are designed, manufactured and marketed in ISO 9001 & 14001 environment and can be integrated into a CE market generator set.

## Benefits

- ▶ Single gen-set controller for standby and prime applications
- ▶ Direct Communications with EFI engines
- ▶ All-in-one intuitive & powerful PC tool for configuration/monitoring/control, locally or remotely

## Features



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| <ul style="list-style-type: none"> <li>▶ Standby and Prime power application in one unit</li> <li>▶ 5 languages in the controller and translator functionality</li> <li>▶ 3 levels of password security</li> <li>▶ 3 sets of alternative configurations</li> <li>▶ Magnetic pick-up input</li> <li>▶ ECU support and TIER4 Final ready</li> <li>▶ Plug-in Module concept for more capabilities (Modbus, Internet, SMS, inputs/outputs)</li> <li>▶ 1 slot for Plug-in modules</li> <li>▶ Power over USB for controller adjustments</li> <li>▶ Adjustable D+ threshold</li> <li>▶ Ventilation pulse</li> <li>▶ Flexible Choke</li> <li>▶ Fuel pump control</li> <li>▶ 3 analog inputs, 6+1 binary inputs, 6 binary outputs</li> <li>▶ 2 higher current binary outputs</li> <li>▶ Adjustable delay for binary inputs</li> <li>▶ Alarms and gen-set status assignable to binary</li> </ul> | <ul style="list-style-type: none"> <li>▶ outputs</li> <li>▶ Run hours source ECU or internal</li> <li>▶ Real time clock</li> <li>▶ Multi purpose scheduler functionality</li> <li>▶ 3 maintenance timers</li> <li>▶ Detailed history log with up to 150 records</li> <li>▶ Zero power mode</li> <li>▶ Possibility to disable protections</li> <li>▶ Modbus register mapping possibility</li> <li>▶ Start on Low Battery (only for native prime power configuration)</li> <li>▶ Cutout dimensions: 172mm x 112mm (same as Intellilite NT family)</li> </ul> |
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### ComAp IntelliLite AMF 20 Control Panel meets the following certificates and standards:

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| <ul style="list-style-type: none"> <li>• EN61000-6-2</li> <li>• EN61000-6-4</li> <li>• EN61010-1</li> <li>• EN61000-2-1 (-20°C/16h for std version)</li> <li>• EN6100-2-2 (70°C/16h)</li> </ul> | <ul style="list-style-type: none"> <li>• EN61000-2-6 (2÷25Hz/ ±1,6mm; 25÷100 Hz/4,0 g)</li> <li>• EN61000-2-27 (a=500 m/s<sup>2</sup>; T=6 ms)</li> <li>• EN61000-2-30</li> <li>• EN60529 (front panel IP65, back side IP20)</li> </ul> |
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