

C1250



OUTPUT RATING 60 Hz, 3 Phase

Standby	Prime	Voltages
1000 kW 1250 kVA	910 kW 1138 kVA	380/220, 416/240 440/254, 480/277
0.8 Pf		12 lead re-connectable

GENERAL SPECIFICATIONS

Engine	Alternator	Control Panel
		
KTA38G4	TAL-A49-E	IntelliLite IL-9
12 Cyl. 60° Vee	3 Phase	Auto Start
38 Ltr.	12 Lead	7 inputs/7 outputs
Elect. Speed Gov.	4 pole, 1 Bearing	3 analog inputs
Turbo/Aftercooled	R150 AVR	RS232 Interface

Weights & Dimensions

	Open	Silent
Length (L)mm	4290	5812
Width (W)mm	2030	2290
Height (H)mm	2275	2550
Net Weight kg	7725	10870

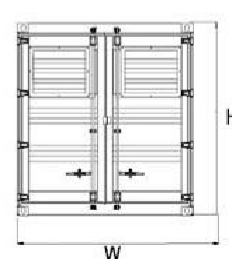
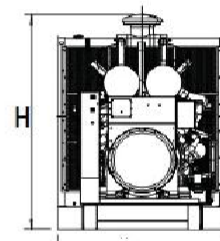
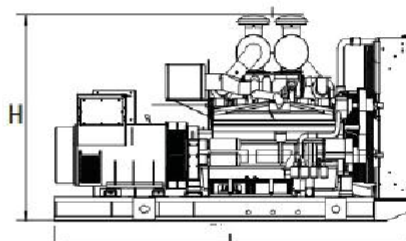
Fuel Consumption /hr	Liters	Gallons
100% Standby Power	271,0	71,6
100% Prime Power	250,6	64,7
75% Prime Power	195,1	50,2
50% Prime Power	139,7	35,9
Fuel Tank Capacity, Open Unit	N/A	N/A
Fuel Tank Capacity, Canopy Unit	N/A	N/A

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	KTA38G4
Engine Type	12 Cyl. 60° Vee
Bore x Stroke (mm)	159x159
Displacement (L)	37.8 L
Engine H.P. at 100% Standby	1490
Power Compression Ratio	13.9:1
Aspiration Type	Turbo/Aftercooled
Intake Air Flow (Ltr/sec.)	1435
Injection Type	Mechanical/Direct
Governor Type	Electronic
Coolant Capacity Eng.	217L
Oil Pan Capacity	135L
Electrical System Voltage	24V
Max Exhaust Back Pressure	10 kPa
Exhaust Gas Flow (Ltr/sec.)	3967
Exhaust Gas Temp.	524 C°



A.C. Alternator Data

Leroy Somer Model	TAL-A49-E	Standard AVR Model	R150
Winding Type	12 Lead, 3 Phase	Excitation Type	Shunt
Power Factor	0,8	Voltage Regulation	±1.0%
Insulation Class	H	Max. Overspeed	2250 rpm
Winding Pitch	2/3	THF	<2%
Ingress Protection	IP23	TIF	<50

Alternator Performance Data		60 Hz			
Voltage Series Star (WYE)	380	416	440	480	
Voltage Delta	220	240	254	277	
kVA Base Rating at 0.8 Pf*	1089	1192	1260	1375	
Locked Rotor Motor Starting kVA**				1800	

*Base Rating is for Standby - 163/27°C Rise/Amb.

** 0.6 Pf at 28% volt Dip.

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.

ComAp IntelliLite IL-9

Product Description

- ④ Single gen-set controller for standby and prime applications
- ④ Direct Communications with EFI engines
- ④ All-in-one intuitive & powerful PC tool for configuration/monitoring/control, locally or remotely

Key Features



- ④ Standby and Prime power application in one unit
- ④ 5 languages in the controller and translator functionality
- ④ 3 levels of password security
- ④ 3 sets of alternative configurations
- ④ Magnetic pick-up input
- ④ ECU support and TIER4 Final ready
- ④ Plug-in Module concept for more capabilities (Modbus, Internet, SMS, inputs/outputs)
- ④ 1 slot for Plug-in modules
- ④ Power over USB for controller adjustments
- ④ Adjustable D+ threshold
- ④ Ventilation pulse
- ④ Flexible Choke
- ④ Fuel pump control
- ④ 3 analog inputs, 6+1 binary inputs, 6 binary outputs
- ④ 2 higher current binary outputs
- ④ Adjustable delay for binary inputs
- ④ Alarms and gen-set status assignable to binary outputs
- ④ Run hours source ECU or internal
- ④ Real time clock
- ④ Multi purpose scheduler functionality
- ④ 3 maintenance timers
- ④ Detailed history log with up to 150 records
- ④ Zero power mode
- ④ Possibility to disable protections
- ④ Modbus register mapping possibility
- ④ Start on Low Battery (only for native prime power configuration)
- ④ Cutout dimensions: 172mm x 112mm (same as Intellilite NT family)



ComAp IntelliLite Control Panels meet the following certificates and standards:

- EN61000-6-2
- EN61000-6-4
- EN61010-1
- EN61000-2-1 (-20°C/16h for std version)
- EN61000-2-2 (70°C/16h)
- EN61000-2-6 (2÷25Hz/ ±1,6mm; 25÷100 Hz/4,0 g)
- EN61000-2-27 (a=500 m/s²; T=6 ms)
- EN61000-2-30
- EN60529 (front panel IP65, back side IP20)