

OPEN GENSETS WITH AIRCOOLED LOMBARDINI ENGINE



1500 RPM	400/230 V 50 Hz	Type AL-010	10,0/8,0 Kva/KW (PRP)	11,0/8,8 Kva/KW (LTP)
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Engine: 9LD625
Alternator: ATN 28/4-1VS

Scope of Supply:

The engine and the alternator are mounted together forming a rigid monoblock, the shafts are connected by a flexible disc connection. The monoblock is mounted on a steel base frame via silent blocks. The base frame is including a fuel tank. Starting is electric and it includes a battery. The genset monitoring system consist of a control module.

GEN SET POWER

Voltage	Hz	Phase	Cos Ø	PRP* Kva/KW	LTP** Kva/KW	Amp.
415/240	50	3	0,8	10/8	11/8,8	15,3
400/230	50	3	0,8	10/8	11/8,8	15,9
380/220	50	3	0,8	10/8	11/8,8	16,7
240/120	50	3	0,8	10/8	11/8,8	26,5
230/115	50	3	0,8	10/8	11/8,8	27,6
220/110	50	3	0,8	10/8	11/8,8	28,9

PRP* Kva/KW:

Available electrical power (at a variable load) with a medium of 60% of the indicated maximum power. A 10% overload capability is available

LTP** Kva/KW:

Available electrical load (at a variable load) during a maximum of 500 hours per year. No overload capability is available.

Control Cubicle Alternatives

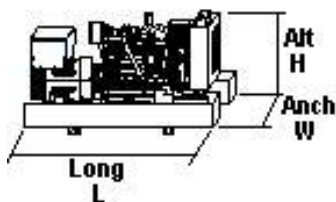
Manual/Remote Control Cubicle:: STANDARD MCP SAM 712

Automatic Control Cubicle: PLEASE CONSULT

Options::

Please see the price list

TECHNICAL DATA

Engine		Alternator		
Engine type:	9LD625	Alternator Type:	ATN-28 1VS/4	
Eng. Power kW COP:	-	Nº of poles:	4	
Eng. Power kW PRP:	9,7	Eff. At 3/4 %:	83,6	
Eng. Power kW LTP:	10,7	Eff. At 4/4 %:	82,7	
Nº Cylinders:	2	Alt. rating PRP kVA III Kw II:	10	
Displacement cm3:	1248	Alt. rating LTP kVA III kW II:	11	
Bore/stroke (mm/mm):	95/88	Output Power PRP kVA III kW II:	10	
Compression ratio:	17,5	Output Power LTP kVA III kW II:	11	
Cooling:	AIR	Current Amp PRP:	14,4	
Injection:	DIRECT	Current Amp LTP:	15,8	
Aspiration:	NATURAL	Standard Circuit Breaker (Amp):	20 IV	
Standard governor:	MECHANICAL	Xd (%):	-	
Governing control quality:	G2	X'd (%):	-	
Speed droop mech gov. (%):	5	X:	-	
Exhaust gases temperature (°C):	-	Nº of wires:	6	
Exhaust gases flow (m3/h):	-	Insulation:	H	
Max Exh. Back pres. (mbar):	-	Regulator AVR:	Compound	
Coolant capacity (lit.):	-	Protection:	IP23	
Cooling air flow (m3/h):	789	DIMENSIONS		
Max allow. Intake dep. (mbar):	-	Height:	1000 mm	
Combustion air flow (m3/h):	56,1	Width:	620 mm	
Oil cap. (Litres):	2,8	Length:	1290 mm	
Oil cons. (kg/hr or % of fuel cons):	0,013		Weight:	340 kgs
Min oil press warning (bar):	1,5		Tank:	32 lit
Fuel cons. 25% lit/h:	0,69			
Fuel cons. 50% lit/h:	1,35			
Fuel cons. 75% lit/h:	2			
Fuel cons. 100% lit/h:	2,7			
Electric system VDC:	12			
Type:	Neg to ground.			
Battery (Ah):	60			
Starting motor (kW):	-			
Flywheel Housing:	-			

Technical information available in download section.:

Engine technical data	Alternator Technical data	Gen Set Drawing	Instalation drawing	Control cubicle descr.
Engine manual	Alternator Manual	Gen Set Manual	Gen Set Condensed Man.	Controler manual



MANUAL -REMOTE START CONTROL MODULE: MCP SAM 712

SAM 712 CONTROLLER

- Manual or Automatic remote start controller, Selector switch for Off, Man and Auto with key. Complete engine protection functions with alarms visualised via LEDs in the front. The controller is set up via 6 DIP switches in the rear of the case.
- Standard circuit breaker.and diferencial relay.