

CGM -600S

3 ~
50Hz

SCANIA

1500

69dB(A) @ 7mt

SERIE 4



PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
600	480	660	528

ENVIRONMENTAL CONDITIONS	
Temperature	40° C
Height	1000 mslm
Humidity	60,00%

OPEN VERSION



SOUNDPROOF VERSION



DIMENSIONS			WEIGHT
L [mm]	W [mm]	H [mm]	kg
3450	1550	2300	4500

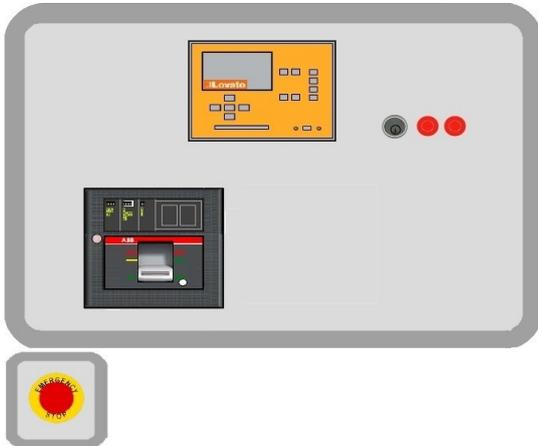
WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
5370	5050	2150	2550

The images are only for demonstration purposes

TECHNICAL DETAILS

ELECTRICAL DATA	System type	3F+N	~
	Frequency	50	Hz
	Voltage	400 + N	V
	Ampere rating	866	A
ENGINE DATA	Engine	SCANIA DC16 078A 02 41	
	RPM governor	Electronic	
	Governor precision	1	%
	Engine emissions standards	EU Not necessary	
	Engine power	685 (511)	Hp (kW)
	Rpm	1500	rpm
	Nr. of cylinders	V8	
	Aspiration	Turbocharged	
	Cooling system	Water	
	Displacement	16400	cc
Bore x stroke	130 x 153	mm	
FUEL CONSUMPTION DATA	Fuel type	Diesel	
	Consumption @ 50%	61	Lt/h
	Consumption @ 75%	91	Lt/h
	Consumption @ 100%	123	Lt/h
	Standard tank capacity	400	Lt
	Autonomy (standard fuel tank)	4,4	h
ALTERNATOR DATA	Alternator	MARELLI MOTORI / MECC ALTE / STAMFORD	
	Voltage regulation	AVR	
	Voltage precision	1	%
	Number of poles	4	
	Type	Brushless	
GENERAL DATA	Sound level (silenced gen set)	69	dB(A) 7mt
	Diameter exhaust	219	mm
	Voltage	24	V

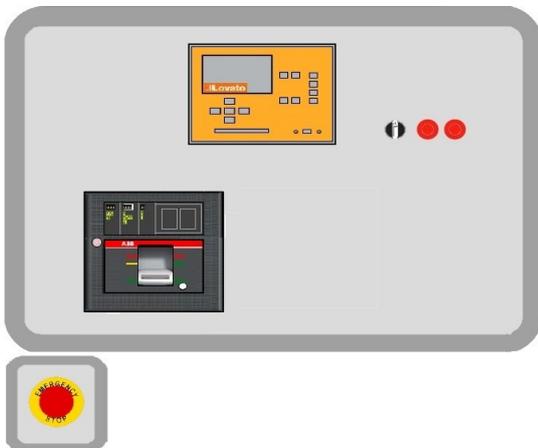
ELECTRIC MANUAL PANEL



LOVATO ELECTRIC RGK800 control unit with multimeter (voltmeter, ammeter, frequencymeter, hour counter and battery voltmeter). Fuel level percentage indicator. Backlit LCD display. Control unit expandable with dedicated communication modules and expansion modules to increase functionality.

- IP44 metal box
- Protection fuses
- Emergency button
- ON-OFF key selector
- Power terminal
- 4P ABB T-MAX T magnetothermal switch
- Oil pressure and water temperature alarms and measurements

AUTOMATIC MAINS FAILURE PANEL



LOVATO ELECTRIC RGK800 control unit with multimeter (voltmeter, ammeter, frequencymeter, hour counter and battery voltmeter). Periodical test function and mains management function. Fuel level percentage indicator. Backlit LCD display. Control unit expandable with dedicated communication modules and expansion modules to increase functionality.

- IP44 metal box
- Protection fuses
- Emergency button
- ON-OFF selector
- 24V 10A Battery charger
- Power terminal
- 4P ABB T-MAX T magnetothermal switch
- Terminal block for the connection of a separate ATS panel
- Oil pressure and water temperature alarms and measurements

SOUNDPROOF AND WEATHERPROOF CANOPY



Soundproof and weatherproof canopy, made with galvanized structural steel, thickness between 2 and 10mm. Painted with epoxy dust RAL5015.

In-built, steel made fuel tank, 400lt sized, with drip tray and drain plug. Electrical floater for fuel level monitoring from the control unit.

Internal coating with high performance sound-absorbing material, made of polyester fiber sheets. Fire resistance of the sound-absorbing material classified EN13501-1 class B.

Maximum accessibility for ordinary and extraordinary maintenance by means of four large key-operated and padlockable doors.

Internal muffler, residential type, 35dB(A) sound reduction.

Fresh air intake from the back of the canopy and from the side, hot air expulsion from above the canopy.

*Four lifting hooks.
Four support legs with holes for fixing the machine to the ground.*

Lateral side manual/automatic electric control panel, with dedicated door with inspection window, lockable and padlockable..

MAIN OPTIONS



1000A automatic transfer switch (ATS)

1050lt increased fuel tank



Engine preheating system

Automatic fuel transfer kit



Residual current protection

Slow or fast towing trailer



OTHER OPTIONS

ELECTRIC PANEL

Power distribution socket set
Synchronizing electric panel
Remote control (GSM/3G/4G – Ethernet)
Start/stop function via radio control
GPS control
Battery switch

GENERAL

Further alternator brand
Quick couplings for connecting an external tank with three way valve
Outdoor, underground and transportable tanks
Better noise reduction canopy
Front hot air expulsion canopy
Further colors

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