





# 80P

3~ 50 Hz. 400V	
PERKINS	
EU STAGE 0	
69 dB(A) @ 7 mt	
120 lt	

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
<b>80</b>	<b>64</b>	<b>88</b>	<b>70,4</b>

ENVIRONMENTAL CONDITIONS	
Temperature	<b>40° C</b>
Height	<b>1000 mslm</b>
Humidity	<b>60%</b>

AGG. 10/20

## OPEN VERSION B100

## SOUNDPROOF VERSION C100



The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
<b>1010</b>	<b>2100</b>	<b>1000</b>	<b>1800</b>

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
<b>1285</b>	<b>2300</b>	<b>1050</b>	<b>1590</b>



Reference standards list: 2006/42/EC Machinery directive  
2014/35/UE Low voltage directive  
ISO8528-1/10 Performances ratings

ISO12100 Machinery safety  
2014/30/UE CEM directive

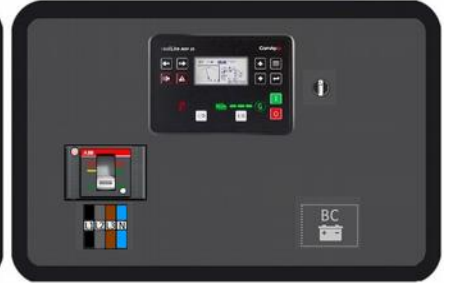
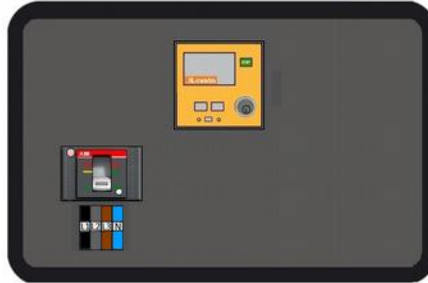
**DATI TECNICI**  
**TECHNICAL DETAILS - CARACTERISTIQUES TECHNIQUES**

<b>ELECTRICAL DATA</b>	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	115,5	A
<b>ENGINE</b>	Engine	PERKINS 1104A-44TG2	
	Engine emissions standard (REG. UE 2016/1628)	EU STAGE 0	
	RPM governor	Mechanical	
	Performance class (ISO8528-5)	G2	
	Rpm	1500	rpm
	Nr. of cylinders	4	
	Bore x stroke	105 x 127	mm
	Displacement	4410	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	96,5 (72)	Hp (kW)
Exhaust gas aftertreatment	/		
<b>CONSUMPTION</b>	Fuel type	Diesel	
	Consumption @ 50-75-100% carico – load - charge	9,7 – 14 – 18,7	lt/h
	Standard tank capacity	120	lt
	Autonomy @ 75% carico – load - charge	8,6	h
<b>ALTERNATOR</b>	Alternator	STAMFORD – MECC ALTE – MARELLI MOTORI	
	Type	Self excited, brushless	
	Number of poles	4	
	Insulation class	H	
	Temperature rise class	H	
	Voltage regulation	AVR	
	Voltage precision	± 1	%
<b>GENERAL</b>	Sound level (soundproof version)	69	dB(A) 7mt
	Exhaust pipe diameter	90	mm
	Electrical system voltage	12	V

## ELECTRIC PANEL

### MANUAL

### AUTOMATIC MAINS FAILURE



Electronic control unit with multimeter	LOVATO ELECTRIC RGK420SA	COMAP IntelliLite 9
Electrical panel enclosure protection degree	IP44	
ON-OFF electric panel switch	Key type. In-built the control unit	Without key
Emergency pushbutton	STANDARD	
Battery charge maintainer	/	12V 5A
Power supply	Full power terminal	Full power terminal
Circuit breaker	Magnetothermal type 4P ABB Tmax-XT 125A	Magnetothermal type 4P ABB Tmax-XT 125A
Main protection alarms	Min-max V and Hz. LOP. HWT. Battery charger alternator failure. Low fuel level	

## STANDARD ELECTRONIC CONTROL UNIT

LOVATO ELECTRIC  
RGK420 SA



Functions: manual start, remote start, periodic test

Multimeter V (L1, L2, L3, N), A (L1), Hz, kVA, battery V, hour counter

Backlit LCD display. Optical port and NFC

COMAP  
IntelliLite 9



Functions: automatic or manual start, remote start, periodic test

Multimeter V (L1, L2, L3, N), A (L1, L2, L3), Hz, kVA, battery V, hour counter

Backlit LCD display. USB port

Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

## OPTIONAL ELECTRONIC CONTROL UNIT



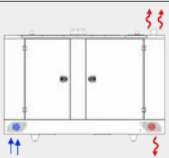
DEEP SEA DSE4520 MKII  
DEEP SEA DSE7320 MKII





COMAP AMF25

## SOUNDPROOF AND WEATHERPROOF CANOPY



Self-supporting frame material	Carbon steel sheet, electro-welded, minimum thickness 2,5 mm
Soundproof canopy material	Carbon steel sheet, electro-welded, thickness between 1,5 and 4 mm
Painting	Epoxy powder RAL5015 textured, outdoor-proof
In-built fuel tank	120 lt + Drip tray
Soundproofing coating material	Polyester fiber. Fire resistance EN13501-1 class B
Muffler	In-built the canopy. Residential type with sound reduction 35 dB(A)
Access openings	n.3 doors with padlockable key lock
Electric panel	Lateral side position. Dedicated door with padlockable key lock
Fresh air intake and hot air expulsion	
Lifting system	n.2 lifting hooks
Support feet	n.4 support feet with holes for machine ground fastening

## CONTAINER TRANSPORTABILITY ADVANTAGES

VERSION		20' BOX	40' BOX	40' HC
	N. transportable pieces	5	10	10
		5	10	10

## MAIN OPTIONS



140A automatic transfer switch (ATS)



250 lt bigger fuel tank with drip tray



750W engine preheating system



Electronic engine speed governor



Automatic fuel transfer kit with manual by-pass system



Residual current protection relay adjustable in sensitivity and intervention time



Engine oil pressure and cooling water temperature measuring instruments

## OTHER OPTIONS

Power distribution socket set  
Synchronizing electric panel  
Battery switch  
Remote control systems **ETHERNET, 2G - 3G - 4G, GPS**

Further alternator brand  
Quick couplings for connecting an external tank with three way valve -  
Outdoor, underground and transportable tanks  
Slow or fast towing trailer  
Front hot air expulsion canopy  
Further colors

## VERSIONS WITH SPECIAL EQUIPMENT



**RENTAL**

*Special version with features designed for the rental market*



**ZERO NOISE**

*Super sound-proofed special version, noise level 50, 55 or 60 dB(A)*

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