






# SOF

AGG. 10/20

3~ 50 Hz. 400V	
<b>FPT INDUSTRIAL</b>	
EU STAGE 0	
69 dB(A) @ 7 mt	
100 lt	

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
<b>50</b>	<b>40</b>	<b>55</b>	<b>44</b>

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

**OPEN VERSION B50**

**SOUNDPROOF VERSION C50**



The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
<b>825</b>	<b>1650</b>	<b>850</b>	<b>1600</b>

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
<b>1000</b>	<b>2000</b>	<b>850</b>	<b>1275</b>

## TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	72	A
ENGINE	Engine	FPT NEF N45AM2	
	Engine emissions standard (REG. UE 2016/1628)	EU STAGE 0	
	RPM governor	Meccanico – Mechanical – Mécanique	
	Performance class (ISO8528-5)	G2	
	Rpm	1500	rpm
	Nr. of cylinders	4	
	Bore x stroke	104 x 132	mm
	Displacement	4500	cc
	Induction system	Natural	
	Cooling system	Water	
	Engine net prime power	60,3 (45)	Hp (kW)
Exhaust gas aftertreatment	/		
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% load	6,2 – 9,3 – 11,6	lt/h
	Standard tank capacity	100	lt
	Autonomy @ 75% load	10,8	h
ALTERNATOR	Alternator	MECC ALTE	
	Type	Self excited, brushless	
	Number of poles	4	
	Insulation class	H	
	Temperature rise class	H	
	Voltage regulation	AVR	
	Voltage precision	± 1	%
GENERAL	Sound level (soundproof version)	69	dB(A) 7mt
	Exhaust pipe diameter	60	mm
	Electrical system voltage	12	V

## ELECTRIC PANEL

### MANUAL

### AUTOMATIC MAINS FAILURE



<i>Electronic control unit with multimeter</i>	<b>LOVATO ELECTRIC RGK420SA</b>	<b>COMAP IntelliLite 9</b>
<i>Electrical panel enclosure protection degree</i>	<b>IP44</b>	
<i>ON-OFF electric panel switch</i>	<i>Key type. In-built the control unit</i>	<i>Without key</i>
<i>Emergency pushbutton</i>	<b>STANDARD</b>	
<i>Battery charge maintainer</i>	/	<b>12V 3A</b>
<i>Power supply</i>	<i>Full power terminal</i>	<i>Full power terminal</i>
<i>Circuit breaker</i>	<i>Magnetothermal type 4P 80A</i>	<i>Magnetothermal type 4P 80A</i>
<i>Main protection alarms</i>	<i>Min-max V and Hz. LOP. HWT. Battery charger alternator failure. Low fuel level</i>	

## 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



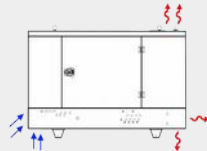
DEEP SEA DSE4520 MKII  
DEEP SEA DSE7320 MKII





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 4,5 mm
Painting	Epoxy powder RAL 5015 textured, outdoor-proof
In-built fuel tank	100 lt + Drip tray
Soundproofing coating material	Polyurethane finished with water-repellent and anti-oil fabric. Fire resistance EN13501-1 class B
Muffler	In-built the canopy. Residential type with sound reduction 35 dB(A)
Access openings	n.2 doors with key lock
Electric panel	Short side position. Dedicated protective door with padlockable lock and porthole (only GS with automatic panel)
Fresh air intake and hot air expulsion	
Lifting system	n.4 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	6	13	13
	6	13	26

## MAIN OPTIONS



90A automatic transfer switch (ATS)



200 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 circuit breaker



Electric fuel floater to check the fuel level from the electronic control unit



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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