






INDUSTRIAL SERIES

45P

AGG. 09/20

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

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
45	36	49,5	39,3

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

OPEN VERSION B50

SOUNDPROOF VERSION C50



The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
755	1650	850	1650

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
930	2000	850	1275

TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	65	A
ENGINE	Engine	PERKINS 1103A-33TG1	
	Engine emissions standard (REG. UE 2016/1628)	EU STAGE 0	
	RPM governor	Mechanical	
	Performance class (ISO8528-5)	G2	
	Rpm	1500	rpm
	Nr. of cylinders	3	
	Bore x stroke	105 x 127	mm
	Displacement	3300	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	55 (41)	Hp (kW)
Exhaust gas aftertreatment	/		
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% carico load - charge	4 – 5,6 – 7,2	lt/h
	Standard tank capacity	100	lt
	Autonomy @ 75% carico load - charge	17,8	h
ALTERNATOR	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	%
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>	LOVATO ELECTRIC RGK420SA	COMAP IntelliLite 9
<i>Electrical panel enclosure protection degree</i>	IP44	
<i>ON-OFF electric panel switch</i>	<i>Key type. In-built the control unit</i>	<i>Without key</i>
<i>Emergency pushbutton</i>	STANDARD	
<i>Battery charge maintainer</i>	/	12V 3A
<i>Power supply</i>	<i>ECC IP67 sockets: n.1 3P 16A + n.1 5P 63A</i>	<i>Full power terminal</i>
<i>Circuit breaker</i>	<i>Magnetothermal type 1P+N 16A and 4P 63A</i>	<i>Magnetothermal type 4P 63A</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



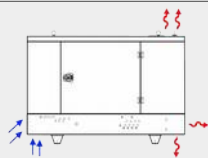
**DEEP SEA DSE4520 MKII
DEEP SEA DSE7320 MKII**





COMAP AMF25

SOUNDPROOF AND WEATHERPROOF CANOPY



<i>Self-supporting frame material</i>	<i>Carbon steel sheet, electro-welded, minimum thickness 2,5 mm , électrosoudées, épaisseur minimum 2,5 mm</i>
<i>Soundproof canopy material</i>	<i>Carbon steel sheet, electro-welded, thickness between 1,5 and 4,5 mm</i>
<i>Painting</i>	<i>Epoxy powder RAL 5015 textured, outdoor-proof</i>
<i>In-built fuel tank</i>	100 lt + Drip tray
<i>Soundproofing coating material</i>	<i>Polyurethane finished with water-repellent and anti-oil fabric. Fire resistance EN13501-1 class B</i>
<i>Muffler</i>	<i>In-built the canopy. Residential type with sound reduction 35 dB(A)</i>
<i>Access openings</i>	n.2 doors with key lock
<i>Electric panel</i>	<i>Short side position. Dedicated protective door with padlockable lock and porthole (only GS with automatic panel)</i>
<i>Fresh air intake and hot air expulsion</i>	
<i>Lifting system</i>	n.4 lifting hooks
<i>Support feet</i>	n.4 support feet with holes for machine ground fastening

CONTAINER TRANSPORTABILITY ADVANTAGES

VERSION	20' BOX	40' BOX	40' HC
 <i>N. transportable pieces</i>	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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