






14P

AGG. 11/20

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

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
14	11,2	15,4	12,3

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

OPEN VERSION B20
SOUNDPROOF VERSION C20


The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
425	1400	700	1400

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
515	1580	700	1050

TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	20,2	A
ENGINE	Engine	PERKINS 403A-15G1	
	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	84 x 90	mm
	Displacement	1496	cc
	Induction system	Natural	
	Cooling system	Water	
Engine net prime power	16,1 (12)	Hp (kW)	
Exhaust gas aftertreatment	/		
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% carico load - charge	2 – 2,8 – 3,7	lt/h
	Standard tank capacity	55	lt
	Autonomy @ 75% carico load - charge	19,6	h
ALTERNATOR	Alternator	TAMFORD	
	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)	68	dB(A) 7mt
	Exhaust pipe diameter	48	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 32A</i>	<i>Full power terminal</i>
<i>Circuit breaker</i>	<i>Magnetothermal type 1P+N 16A and 4P 20A</i>	<i>Magnetothermal type 4P 2A</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



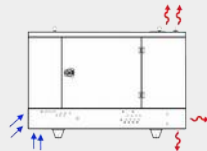
**DEEP SEA DSE4520 MKII
DEEP SEA DSE7320 MKII**





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	55 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
 <i>N. transportable pieces</i>	11	24	24
	22	46	46

MAIN OPTIONS



25A automatic transfer switch (ATS)



120 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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