






V18Y

AGG. 12/20

3~ 50 Hz. 400V	
YANMAR	
EU STAGE 5	
69 dB(A) @ 7 mt	
100 lt	

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
18	14,4	19,8	15,8

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

OPEN VERSION B20
SOUNDPROOF VERSION C30


The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
460	1400	700	1400

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
635	1800	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	26	A
ENGINE	Engine	YANMAR 4TNV88-BIB	
	Engine emissions standard (REG. UE 2016/1628)	EU STAGE 5	
	RPM governor	<i>Mechanical</i>	
	Performance class (ISO8528-5)	G2	
	Rpm	1500	rpm
	Nr. of cylinders	4	
	Bore x stroke	88 x 90	mm
	Displacement	2190	cc
	Induction system	<i>Natural</i>	
	Cooling system	<i>Water</i>	
	Engine net prime power	22,4 (16,7)	Hp (kW)
Exhaust gas aftertreatment	/		
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% carico – load - charge	/ – 4 – /	lt/h
	Standard tank capacity	100	lt
	Autonomy @ 75% carico – load - charge	25	h
ALTERNATOR	Alternator	LINZ ELECTRIC – STAMFORD – MECC ALTE	
	Type	<i>Self excited, brushless</i>	
	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



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 3A
Power supply	ECC IP67 sockets: n.1 3P 16A + n.1 5P 32A	Full power terminal
Circuit breaker	Magnetothermal type 1P+N 16A and 4P 32A	Magnetothermal type 4P 32A
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



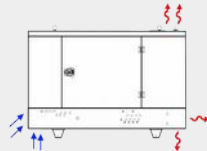
DEEP SEA DSE4520 MKII
DEEP SEA DSE7320 MKII





COMAP AMF25

SOUNDPROOF AND WEATHERPROOF CANOPY



<i>Self-supporting frame material</i>	<i>Carbon steel sheet, electro-welded, minimum thickness 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>	<i>n.2 doors with key lock</i>
<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>	<i>n.4 lifting hooks</i>
<i>Support feet</i>	<i>n.4 support feet with holes for machine ground fastening</i>

CONTAINER TRANSPORTABILITY ADVANTAGES

VERSION	20' BOX	40' BOX	40' HC
 <i>N. transportable pieces</i>	6	13	13
	6	13	26

MAIN OPTIONS



32A automatic transfer switch (ATS)



200 lt bigger fuel tank with drip tray



750W engine preheating system



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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