






100CU

AGG. 11/20

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

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
100	80	110	88

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

OPEN VERSION B200
SOUNDPROOF VERSION C130


The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
1270	2400	1100	2000

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
1570	2830	1100	2090

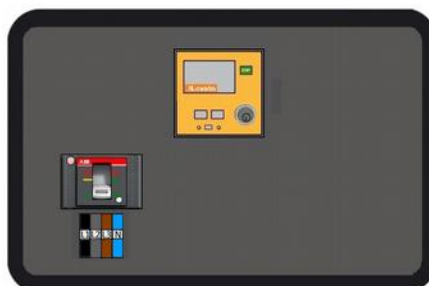
TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	144,3	A
ENGINE	Engine	CUMMINS 6BTA5.9-G5	
	Engine emissions standard (REG. UE 2016/1628)	EU STAGE 0	
	RPM governor	Electronic	
	Performance class (ISO8528-5)	G2	
	Rpm	1500	rpm
	Nr. of cylinders	6	
	Bore x stroke	102 x 120	mm
	Displacement	5900	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	120,6 (90)	Hp (kW)
	Exhaust gas aftertreatment	/	
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% carico – load - charge	12 – 18 – 25	lt/h
	Standard tank capacity	120	lt
	Autonomy @ 75% carico – load - charge	6,7	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	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 160A	Magnetothermal type 4P ABB Tmax-XT 160A
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 3 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 RAL5015 textured, outdoor-proof</i>
<i>In-built fuel tank</i>	120 lt + Drip tray
<i>Soundproofing coating material</i>	<i>Polyester fiber. 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.3 doors with padlockable key lock</i>
<i>Electric panel</i>	<i>Lateral side position. Dedicated door with padlockable key lock</i>
<i>Fresh air intake and hot air expulsion</i>	
<i>Lifting system</i>	<i>n.2 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>	4	10	10
	4	8	8

MAIN OPTIONS



140A automatic transfer switch (ATS)



250 lt bigger fuel tank with drip tray



750W engine preheating system



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)

Greenpower AB
Helsingborgsvägen Varalöv,
262 96 Ängelholm, Sweden
Phone: +46 43122240
Email: info@greenpower.se
Web: www.greenpower.se