

# 650S

AGG. 11/20

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

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
<b>650</b>	<b>520</b>	<b>715</b>	<b>572</b>

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

**OPEN VERSION B750**
**SOUNDPROOF VERSION C750**


The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>4680</b>	<b>3450</b>	<b>1550</b>	<b>2300</b>

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>6020</b>	<b>5050</b>	<b>2150</b>	<b>2550</b>

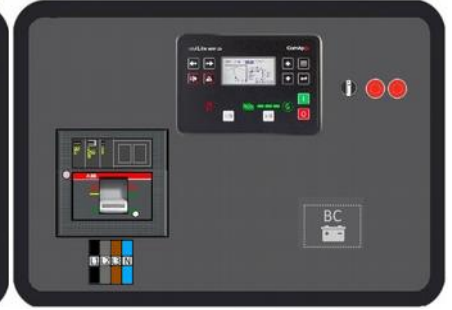
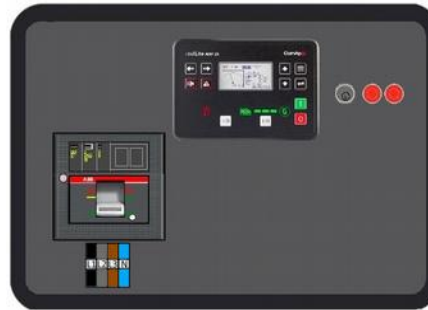
## TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	938	A
ENGINE	Engine	SCANIA DC16 078A 02 42	
	Engine emissions standard (REG. UE 2016/1628)	EU STAGE 0	
	RPM governor	Electronic	
	Performance class (ISO8528-5)	G3	
	Rpm Tours/min	1500	rpm
	Nr. of cylinders	8	
	Bore x stroke	130 x 153	mm
	Displacement	16400	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	741,3 (553)	Hp (kW)
Exhaust gas aftertreatment	/		
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% load	66 – 98 – 133	lt/h
	Standard tank capacity	400	lt
	Autonomy @ 75% load	4,1	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	219	mm
	Electrical system voltage	24	V

## ELECTRIC PANEL

*MANUAL*

*AUTOMATIC MAINS FAILURE*



<i>Electronic control unit with multimeter</i>	<b>COMAP AMF25</b>	<b>COMAP AMF25</b>
<i>Electrical panel enclosure protection degree</i>	<b>IP44</b>	
<i>ON-OFF electric panel switch</i>	<i>Key type</i>	<i>Without key</i>
<i>Emergency pushbutton</i>	<b>STANDARD</b>	
<i>Battery charge maintainer</i>	<i>/</i>	<b>24V 10A</b>
<i>Power supply</i>	<i>Full power terminal</i>	<i>Full power terminal</i>
<i>Circuit breaker</i>	<i>Magnetothermal type 4P ABB Tmax-T 1000A</i>	<i>Magnetothermal type 4P ABB Tmax-T 1000A</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

COMAP AMF25



- 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*
- MODBUS and SNMP communication protocols support*
- Advanced PLC configurability*

## OPTIONAL ELECTRONIC CONTROL UNIT

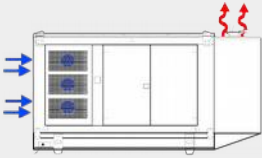


DEEP SEA DSE7320 MKII



## SOUNDPROOF AND WEATHERPROOF CANOPY



<i>Self-supporting frame material</i>	<i>Carbon steel sheet, electro-welded, minimum thickness 4 mm</i>
<i>Soundproof canopy material</i>	<i>Carbon steel sheet, electro-welded, thickness between 2 and 9 mm</i>
<i>Painting</i>	<i>Epoxy powder RAL5015 textured, outdoor-proof</i>
<i>In-built fuel tank</i>	<b>400 lt + Drip tray</b>
<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.4 doors with padlockable key lock</i>
<i>Electric panel</i>	<i>Lateral side position. Dedicated door with key lock</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>

## MAIN OPTIONS



*1000A automatic transfer switch (ATS)*



*1050 lt bigger fuel tank with drip tray*



*2000W engine preheating system with integrated circulating pump*



*Automatic fuel transfer kit with manual by-pass system*



*Residual current protection relay adjustable in sensitivity and intervention time*

## 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*

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