






# 800P

AGG. 09/20

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

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
<b>800</b>	<b>640</b>	<b>880</b>	<b>704</b>

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

**OPEN VERSION B800**
**SOUNDPROOF VERSION C800**


The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
<b>6400</b>	<b>4100</b>	<b>2010</b>	<b>2400</b>

WEIGHT	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
kg			
<b>8070</b>	<b>5450</b>	<b>2200</b>	<b>2550</b>

## TECHNICAL DETAILS

<b>ELECTRICAL DATA</b>	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	1155	A
<b>ENGINE</b>	Engine	PERKINS 4006-23TAG3A	
	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	160 x 190	mm
	Displacement	22921	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	904,8 (675)	Hp (kW)
Exhaust gas aftertreatment	/		
<b>CONSUMPTION</b>	Fuel type	Diesel	
	Consumption @ 50-75-100% carico – load - charge	90 – 130 – 172	lt/h
	Standard tank capacity	400	lt
	Autonomy @ 75% carico – load - charge	3,1	h
<b>ALTERNATOR</b>	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	%
<b>GENERAL</b>	Sound level (soundproof version)	70	dB(A) 7mt
	Exhaust pipe diameter	338	mm
	Electrical system voltage	24	V

## ELECTRIC PANEL

MANUAL

AUTOMATIC MAINS FAILURE



Electronic control unit with multimeter	COMAP AMF25	COMAP AMF25
Electrical panel enclosure protection degree	IP44	
ON-OFF electric panel switch	Key type	Without key
Emergency pushbutton	STANDARD	
Battery charge maintainer	/	24V 10A
Power supply	Full power terminal	Full power terminal
Circuit breaker	Magnetothermal type 4P ABB Tmax-T 1250A	Magnetothermal type 4P ABB Tmax-T 1250A
Main protection alarms	Min-max V and Hz. LOP. HWT. Battery charger alternator failure. Low fuel level	

## 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>Galvanized carbon steel sheets, electro-welded, minimum thickness 6 mm</i>
<i>Soundproof canopy material</i>	<i>Galvanized 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 padlockable 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.6 support feet with holes for machine ground fastening</i>

## MAIN OPTIONS



*1250A 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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