






# 680MH

AGG. 12/20

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

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
<b>590</b>	<b>472</b>	<b>649</b>	<b>519</b>

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

**OPEN VERSION B800**

**SOUNDPROOF VERSION C750**



The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>6160</b>	<b>4100</b>	<b>2010</b>	<b>2400</b>

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>7080</b>	<b>5050</b>	<b>2150</b>	<b>2550</b>

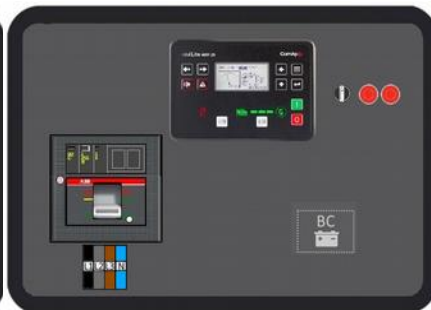
## TECHNICAL DETAILS

<b>ELECTRICAL DATA</b>	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	981,5	A
<b>ENGINE</b>	Engine	MITSUBISHI S6R2-PTA	
	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	170 x 220	mm
	Displacement	29960	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	770,7 (575)	Hp (kW)
Exhaust gas aftertreatment	/		
<b>CONSUMPTION</b>	Fuel type	Diesel	
	Consumption @ 50-75-100% carico – load - charge	/ – 113 – /	lt/h
	Standard tank capacity	400	lt
	Autonomy @ 75% carico – load - charge	3,5	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 (soundproofversion)	69	dB(A) 7mt
	Exhaust pipe diameter	220	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

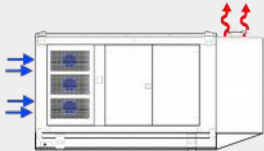
## OPTIONAL ELECTRONIC CONTROL UNIT



DEEP SEA DSE7320 MKII

## SOUNDPROOF AND WEATHERPROOF CANOPY



<i>Self-supporting frame material</i>	<i>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



*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*

**Greenpower AB**  
Helsingborgsvägen Varalöv,  
262 96 Ängelholm, Sweden  
Phone: +46 43122240  
Email: [info@greenpower.se](mailto:info@greenpower.se)  
Web: [www.greenpower.se](http://www.greenpower.se)