






# 1400MH

AGG. 12/20

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

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
<b>1400</b>	<b>1120</b>	<b>1540</b>	<b>1232</b>

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

**OPEN VERSION B1700**
**SOUNDPROOF VERSION C1400**


The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>11500</b>	<b>5000</b>	<b>2100</b>	<b>2600</b>

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>13000</b>	<b>6680</b>	<b>2200</b>	<b>3250</b>

## TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	2020,7	A
ENGINE	Engine	MITSUBISHI S12R-PTA2	
	Engine emissions standard (REG. UE 2016/1628)	EU STAGE 0	
	RPM governor	Electronic	
	Performance class (ISO8528-5)	G2	
	Rpm	1500	rpm
	Nr. of cylinders	12	
	Bore x stroke	170 x 180	mm
	Displacement	49030	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	1561,7 (1165)	Hp (kW)
Exhaust gas aftertreatment	/		
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% carico – load - charge	/ – 220 – /	lt/h
	Standard tank capacity	400	lt
	Autonomy @ 75% carico – load - charge	1,8	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	± 0,5	%
GENERAL	Sound level (soundproof version)	70	dB(A) 7mt
	Exhaust pipe diameter	300	mm
	Electrical system voltage	24	V

## ELECTRIC PANEL

### MANUAL

### AUTOMATIC MAINS FAILURE



Electronic control unit with multimeter	<b>COMAP AMF25</b>	<b>COMAP AMF25</b>
Electrical panel enclosure protection degree	<b>IP44</b>	
ON-OFF electric panel switch	Key type	Without key
Emergency pushbutton	<b>STANDARD</b>	
Battery charge maintainer	/	<b>24V 10A</b>
Power supply	Full power terminal	Full power terminal
Circuit breaker	Air circuit breaker type 4P ABB Emax-2 2500A	Air circuit breaker type 4P ABB Emax-2 2500A
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

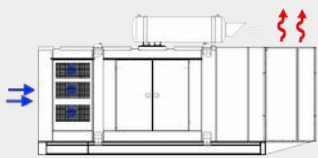
## OPTIONAL ELECTRONIC CONTROL UNIT



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>On the top of 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



2500A automatic transfer switch (ATS)



1050 lt bigger fuel tank with drip tray



6000W 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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