

## INDUSTRIAL SERIES

# 1720MH

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
1720	1376	1892	1513,6

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

3~ 50Hz. 400V	
MITSUBISHI	
EU STAGE 0	
70 dB(A) @ 7 mt	
OL	

### OPEN VERSION B2500

### SOUNDPROOF VERSION CT40HC



The image is only for demonstration purposes

WEIGHT		DIMENSIONS	
kg	L [mm]	W [mm]	H [mm]
14530	5800	2250	2600

WEIGHT		DIMENSIONS	
kg	L [mm]	W [mm]	H [mm]
22240	12192	2438	2591

Reference standards list: 2006/42/EC Machinery directive  
2014/35/UE Low voltage directive  
ISO8528-1/10 Performances ratings  
ISO12100 Machinery safety

2014/30/UE CEM directive

## TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	2482,6	A

ENGINE	Engine	MITSUBISHI S16R-PTA	
	Engine emissions standard	(REG. UE 2016/1628) EU STAGE 0	
	RPM governor	Electronic	
	Step load performance (ISO8528-5)	G2 @ ND   G3 @ ND	
	RPM	1500	rpm
	Nr. Of cylinders	16	
	Bore x stroke	170 x 180	mm
	Displacement	65370	cc
	Aspiration	Turbocharged	
	Cooling system	Water	
Engine net prime power	1943,7 (1450)	hp (kW)	

CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50% load	187	lt/h
	Consumption @ 75% load	262	lt/h
	Consumption @ 100% load	346	lt/h
	Standard tank capacity	0	lt

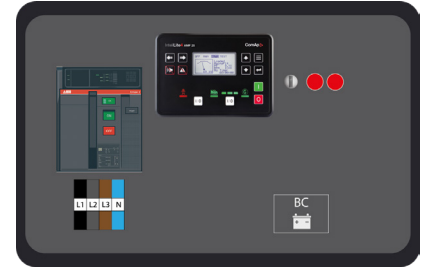
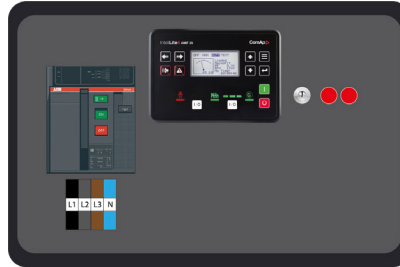
ALTERNATOR	Alternator	STAMFORD - MECC ALTE - LEROY SOMER	
	Type	Self excited, brushless	
	Number of poles	4	
	Insulation class	H	
	Temperature rise class	H	
	Voltage regulation	AVR	
	Voltage precision	± 0,5	%

GENERAL	Sound level (soundproof version)	70	dB(A) @ 7mt
	Exhaust outlet diameter	2x 273	mm
	Electrical system voltage	24	V

## ELECTRIC PANEL

### MANUAL

### AUTOMATIC



Control unit with multimeter	ComAp IntelliLite 4 AMF 25	ComAp IntelliLite 4 AMF 25
Protection rating of the electrical panel enclosure	IP 44	IP 44
ON-OFF switch control panel	ON/OFF switch bistable with key	ON/OFF switch bistable
Emergency pushbutton	Ø40 mm with twist-release mechanism Compliant with standards: EN/IEC 60947-5-5 EN/ISO13850 IEC 60204-1 2006/42/EC	Ø40 mm with twist-release mechanism Compliant with standards: EN/IEC 60947-5-5 EN/ISO13850 IEC 60204-1 2006/42/EC
Battery charge maintainer	-----	24V - 10A
electrical distribution	Full power terminal	Full power terminal
Circuit breaker	4P open circuit breaker ABB Emax-2 3200A	4P open circuit breaker ABB Emax-2 3200A
Main protection alarms	Min-Max V, Hz, Amp. LOP. HWT. Alternator fault Battery charger Low fuel level	Min-Max V, Hz, Amp. LOP. HWT. Alternator fault Battery charger Low fuel level

## STANDARD CONTROL UNIT

ComAp IntelliLite  
4 AMF 25



ComAp IntelliLite  
4 AMF 25



Functions: 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  
Support for MODBUS and SNMP communication protocols  
Advanced PLC programming  
Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

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  
Support for MODBUS and SNMP communication protocols  
Advanced PLC programming  
Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

## OPTIONAL CONTROL UNIT



DEEP SEA DSE7320 MKII

## 40'HC CONTAINER, SOUNDPROOFED FOR OUTDOOR USE



Reference standards	ISO 688:2020 Special-sized containers on request
Structure material	Load-bearing frame made of reinforced structural steel profiles Side walls and roof made of high-strength galvanized corrugated steel sheet, minimum thickness 2 mm ISO 1161 corner block
Flooring material	Marine-grade plywood, coated with anti-slip steel sheet, continuously welded and hermetically sealed
Painting	Polyester powder for outdoor RAL5015 textured Corrosion resistance class C4
Fuel tank	OPTIONAL
Sound-absorbing coating material	High-density mineral fiber sandwich panels, coated with RAL7035 painted galvanized steel sheets Fire resistance EN13501-1 A2 s1 d0
Muffler	Internal or external to the canopy Residential type - noise abatement 35dB(A)
access openings	nr. 1 front hatch with latches nr. 2 double-leaf side doors with key lock and panic handle nr. 1 access door to the tank compartment and electrical panel, with key lock and panic handle
Electric Panel	Located inside the container or accessible from the outside Dedicated door with key lock, panic handle, and inspection window
Fresh air intake and hot air expulsion	
Standard accessories included	External tank filling cap with key Emergency fuel shut-off valve
Internal lighting system	Low-consumption LED lamps
Certificate of conformity for sea transport	CSC certification

## STANDARD FEATURES

	≤50 kVA	80 kVA	120 kVA	200 kVA	275 kVA	≥550 kVA		
Mechanical fuel gauge	STANDARD	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL		
Electric fuel gauge	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD		
Coolant temperature and oil pressure alarm	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD		
Coolant temperature and oil pressure measuring sensor	OPTIONAL	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD		
Oil sump pump	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	STANDARD	STANDARD		
110% containment basin	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD		
Noise level compliant to 2000/14/CE	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD		
Galvanized steel mode canopy	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL		
	C20	C30	C50	C100	C200	C300	C450	≥C500

## OPTIONS

### | OTHER OPTIONS |

3200A ATS panel (mains-genset)

Bigger fuel tank with drip tray

Engine preheater for starting in cold climate conditions [8 000W with circulation pump]

Automatic fuel transfer kit with manual bypass system

Power distribution panel with 4/6 EEC sockets

Quick couplings for connecting an external tank with three way valve

Remote monitoring and control systems (Ethernet, 4G, GPS)

### | OTHER OPTIONS |

Battery switch

Parallel framework between groups or between groups and network

Cab with front/side air intake and/or exhaust

Outdoor, underground and trasportable tanks

Slow or fast towing trailer

Further colors

CGM

TRUST YOUR POWER



**C.G.M. Gruppi Elettrogeni srl**  
**a socio unico**

Via Decima Strada 3, 36071  
Arzignano (VI) ITALY  
T. +39 0444 673712  
P. IVA 02844740247

[info@cgmitalia.it](mailto:info@cgmitalia.it) - [www.cgmitalia.it](http://www.cgmitalia.it)

**C.G.M. Gruppi Elettrogeni srl**  
**a socio unico**

Via Decima Strada 3, 36071  
Arzignano (VI) ITALY  
T. +39 0444 673712 / 674152 Fax. +39 0444-675384  
CF.&P. IVA 02844740247 REA 279734

[info@cgmitalia.it](mailto:info@cgmitalia.it) - [www.cgmitalia.it](http://www.cgmitalia.it)



Distributed by: