

## INDUSTRIAL SERIES

# 1900MH

| PRIME POWER |      | STAND-BY POWER |      |
|-------------|------|----------------|------|
| kVA         | kW   | kVA            | kW   |
| 1900        | 1520 | 2090           | 1672 |

| 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

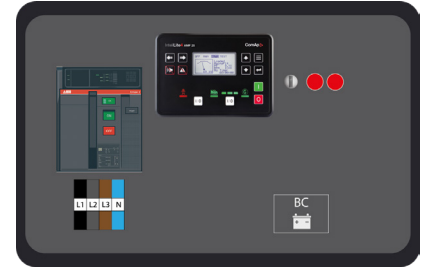
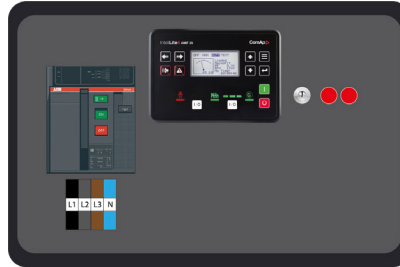
## TECHNICAL DETAILS

|                        |                                   |                                    |             |
|------------------------|-----------------------------------|------------------------------------|-------------|
| ELECTRICAL DATA        | Electrical system type            | 3F+N                               | ~           |
|                        | Power factor                      | 0,8                                | φ           |
|                        | Voltage                           | 400                                | V           |
|                        | Frequency                         | 50                                 | Hz          |
|                        | PRP Ampere rating                 | 2742,4                             | A           |
| ENGINE                 | Engine                            | MITSUBISHI S16R-PTA2               |             |
|                        | 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 | 2144,8 (1600)                     | hp (kW)                            |             |
| CONSUMPTION            | Fuel type                         | Diesel                             |             |
|                        | Consumption @ 50% load            | 216                                | lt/h        |
|                        | Consumption @ 75% load            | 306                                | lt/h        |
|                        | Consumption @ 100% load           | 399                                | 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<br>Compliant with standards:<br>EN/IEC 60947-5-5<br>EN/ISO13850<br>IEC 60204-1<br>2006/42/EC | Ø40 mm with twist-release mechanism<br>Compliant with standards:<br>EN/IEC 60947-5-5<br>EN/ISO13850<br>IEC 60204-1<br>2006/42/EC |
| Battery charge maintainer                           | -----  | 24V - 10A  |
| electrical distribution                             | Full power terminal  | Full power terminal  |
| Circuit breaker                                     | 4P open circuit breaker<br>ABB Emax-2 3200A  | 4P open circuit breaker<br>ABB Emax-2 3200A  |
| Main protection alarms                              | Min-Max V, Hz, Amp. LOP. HWT.<br>Alternator fault<br>Battery charger<br>Low fuel level   | Min-Max V, Hz, Amp. LOP. HWT.<br>Alternator fault<br>Battery charger<br>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<br>Side walls and roof made of high-strength galvanized corrugated steel sheet, minimum thickness 2 mm<br>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<br>Corrosion resistance class C4  |
| Fuel tank                                   | OPTIONAL  |
| Sound-absorbing coating material            | High-density mineral fiber sandwich panels, coated with RAL7035 painted galvanized steel sheets<br>Fire resistance EN13501-1 A2 s1 d0   |
| Muffler                                     | Internal or external to the canopy<br>Residential type - noise abatement 35dB(A)  |
| access openings                             | nr. 1 front hatch with latches<br>nr. 2 double-leaf side doors with key lock and panic handle<br>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<br>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<br>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



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