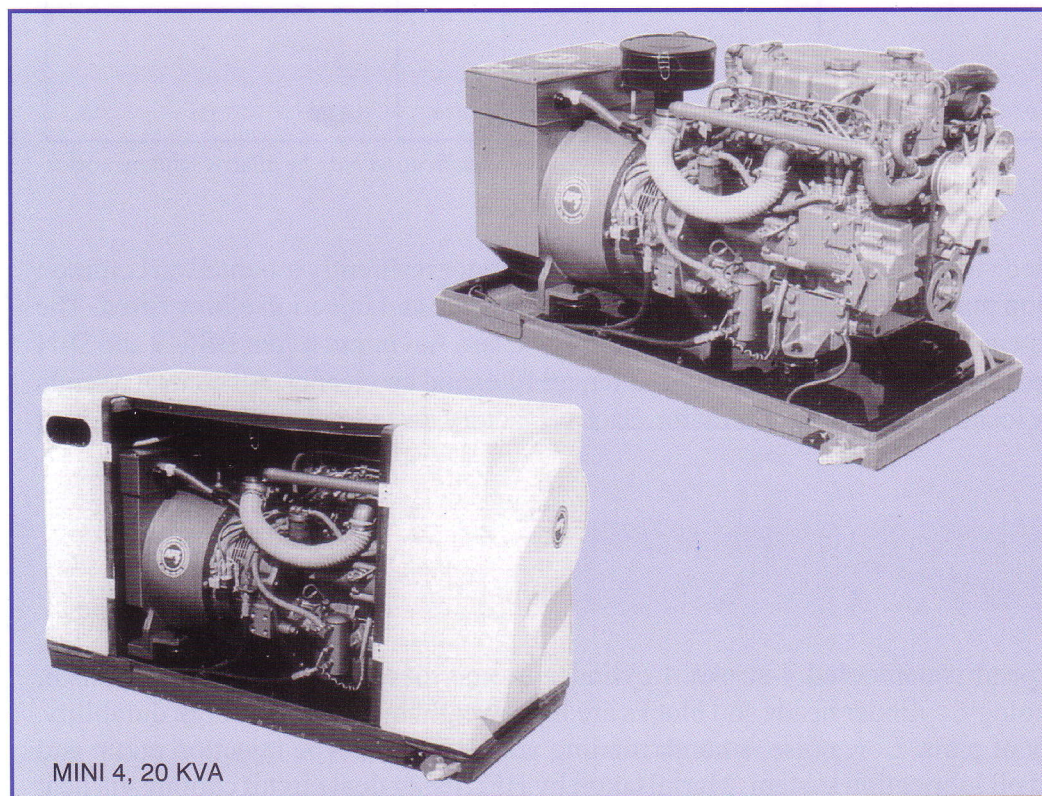




MINI 4 SUPER MINI 4 SERIES

15 - 25Kva

DIESEL POWER GENERATORS



MINI 4, 20 KVA

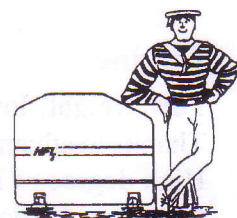
High speed power

Compact dimensions

Maximum starting capability

Low noise

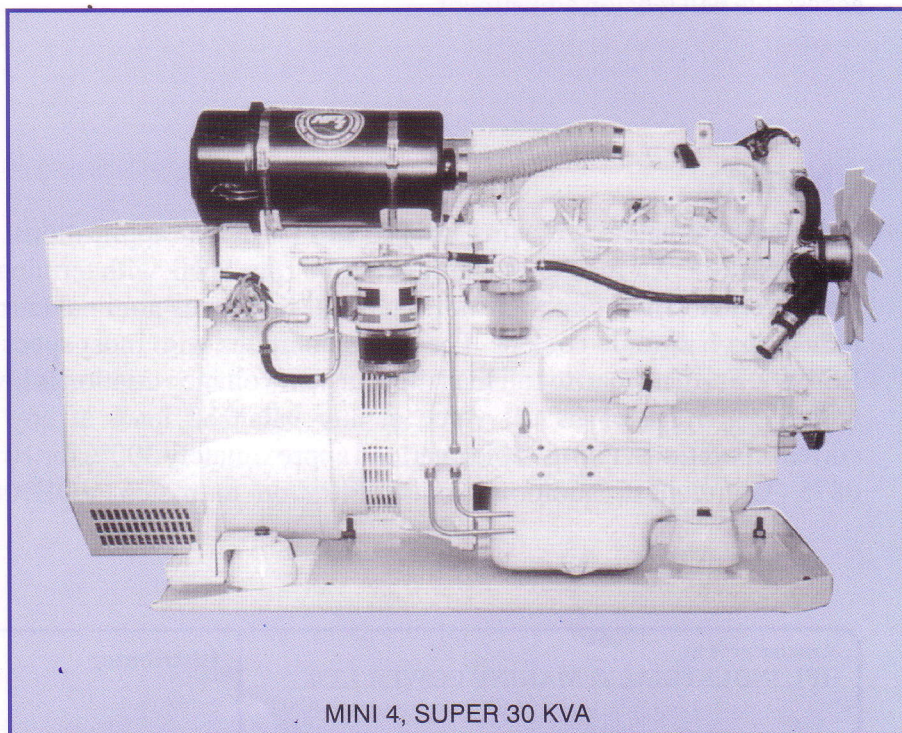
Low weight



With MITSUBISHI diesel engine and sound cover to eliminate noise
Brushless alternator

Standard accessories

- 12v electric start / stop
- Oil pressure and c.w. temp cut out
- Battery trickle charging
- Heat exchanger cooling
- Speed fine adjustment
- Seawater pump
- Fuel delivery pump 12v
- Watercooled exhaust manifold
- Anti vibration mounts
- Energised to run failsafe system
- Suitable for vehicle applications with radiator



MINI 4, SUPER 30 KVA

★ **generating confidence afloat** ★

TECHNICAL DATA

| Model MINI 4 | Rating Kva | Kw | Hz | Phase | Volts | Amps | Set dim Length | (mm) Width | Height | Dry Weight | Cover Dim Length | (mm) Width | Height |
|--------------------------|---------------|----|----|-------|---------|------|-------------------|---------------|--------|---------------|---------------------|---------------|--------|
| H4G 15 M1 | 15 | 15 | 50 | 1 | 230 | 60 | 1150 | 485 | 660 | 320 | 1210 | 525 | 630 |
| H4G 20 M1 | 20 | 16 | 50 | 1 | 230 | 80 | 1150 | 485 | 660 | 310 | 1210 | 525 | 630 |
| H4G 20 M3 | 23 | 18 | 50 | 3 | 400/230 | 32 | 1150 | 485 | 660 | 305 | 1210 | 525 | 630 |
| Model MINI 4 SUPER | | | | | | | | | | | | | |
| H4G 25 M1 | 25 | 20 | 50 | 1 | 230 | 105 | 1200 | 510 | 685 | 430 | 1300 | 525 | 720 |

Specification may be altered without notice

Standard specification

Engine and alternator close-coupled via flexible disc and bell housing. Generator resiliently mounted on common steel base tray. Seawater circulation pump, heat exchanger, water cooled exhaust and injection elbow fitted. The engine with forced lubrication system constant speed governing to BS649 Class A. Output as per BS649 and DIN 6270. Included are injection pump, fuel delivery pump, fuel fine filter, oil filter and air cleaner. All control circuits wired into a common terminal box located on the main alternator. Each set factory tested and sprayed in blue, heat resistant paint finish.

Engine

Low weight, low profile, high-speed watercooled 4-stroke 4 cylinder in-line diesel engine from Mitsubishi. Thanks to advanced casting technology, cylinder heads and blocks are light-weight but rigid with high durability. High degree of interchangeability of parts. Low noise, smooth running with Bosch M-type injection pump and mechanical type governor. Forced oil lubrication system. Marinisation by HFL using dual circuit cooling via heat exchanger and watercooled exhaust manifold with water injected elbow. Belt - driven seawater pump with accessible belt tension adjustment.

Alternator

Different alternators are being used to suit particular applications, with brushless alternators in 1 and 3 phase configuration. All machines 2 pole for 3000 rpm 50Hz with terminal box mounted on the alternator. Alternators with overload/short circuit protection equal to 3 times nominal current. The windings have a shortened pitch to reduce the harmonic content. The series complies with most specs such as CEI 2-3, IEC 34.1, VDE 0530 and BS4999. From no load to full load the transient voltage variation is lower than +/- 15%. The voltage regulation is to within +/- 1.5% of its set value at any balanced load, at any power factor to 0.8 lagging - subject to correct conditions. Permissible overload approximately 300% for 10 secs. Radio suppression Grade G as per VDE 0875. On request, additional noise filtration to match VDE 0875 Grade N and K, MIL 461-462 AB.

Manufactured by
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