

MAN Diesel- und Gasmotoren zum Antrieb
von Generatoren und Blockheizkraftwerken.

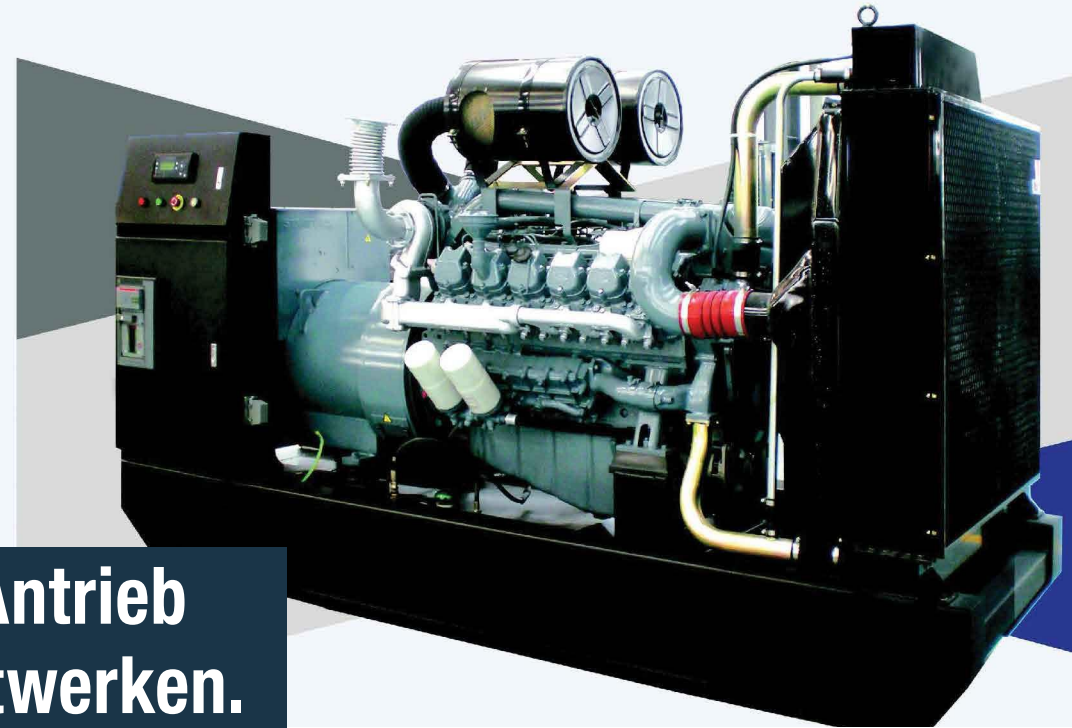
FAMCO
هایپرمنعت



MAN Diesel Engine 300 kVA – 1000 kVA

Features and Benefits :

1. Produce stable voltage and frequency, very recommended for electronic usage and sensitive components.
2. Designed for continuous running, build with heavy duty diesel engine and alternator.
3. Capable to accept rated load with short recovery time.
4. One-year or 2000 hours limited warranty.
5. After sales service is supported by well trained technician and spare part availability.
6. Tested with resistive load bank up to 110 % of generator capacity.



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STANDARD GENSET MODEL

| Genset Model | Power (KVA) | | Engine Specification | | | | Dimension (Open Type) L x W x H (mm) | Fuel Consumption 100% | | Weight (kg) |
|--------------|-------------|-------|----------------------|----------|-----|------------------|---|-----------------------|-------|-------------|
| | Standby | Prime | Engine Model | Cylinder | Gov | Displacement (L) | | gr/kwh | (l/h) | |
| MNJPS-300WP | - | 300 | D2866LE201 | 6L | ECR | 11.97 | 3100 x 1250 x 1950 | 195 | 66 | 2790 |
| MNJPS-400WP | - | 400 | D2876LE201 | 6L | ECR | 12.82 | 3100 x 1180 x 1950 | 209 | 89 | 2870 |
| MNJPS-400WP1 | 400 | - | D2866LE203 | 6L | ECR | 11.97 | 3100 x 1250 x 1950 | 201 | 87 | 2800 |
| MNJPS-450WP | - | 450 | D2848LE211 | 8V | ECR | 14.62 | 2900 x 1420 x 1900 | 210 | 102 | 3000 |
| MNJPS-500WP | - | 500 | D2840LE201 | 10V | ECR | 18.27 | 3100 x 1420 x 1900 | 196 | 107 | 4000 |
| MNJPS-500WP1 | 500 | - | D2876LE203 | 6L | ECR | 12.82 | 3200 x 1180 x 1950 | 212 | 115 | 3000 |
| MNJPS-550WP | - | 550 | D2840LE211 | 10V | ECR | 18.27 | 3100 x 1420 x 1900 | 205 | 122 | 4200 |
| MNJPS-550WP1 | 550 | - | D2848LE213 | 8V | ECR | 14.62 | 3000 x 1420 x 1900 | 221 | 132 | 3200 |
| MNJPS-625WP | - | 625 | D2842LE201 | 12V | ECR | 21.93 | 3400 x 1620 x 2080 | 195 | 128 | 5000 |
| MNJPS-625WP1 | 625 | - | D2840LE203 | 10V | ECR | 18.27 | 3200 x 1420 x 1900 | 199 | 131 | 4200 |
| MNJPS-675WP | - | 675 | D2842LE211 | 12V | ECR | 21.93 | 3400 x 1620 x 2080 | 202 | 144 | 5000 |
| MNJPS-700WP | 700 | - | D2840LE213 | 10V | ECR | 18.27 | 3400 x 1420 x 1900 | 211 | 155 | 4300 |
| MNJPS-710WP | 710 | - | D2842LE203 | 12V | ECR | 21.93 | 3460 x 1620 x 2080 | 196 | 138 | 5200 |
| MNJPS-800WP | - | 800 | D2862LE221 | 12V | ECR | 24.24 | 3750 x 1631 x 1950 | 192 | 162 | 4170 |
| MNJPS-800WP1 | 800 | - | D2842LE213 | 12V | ECR | 21.93 | 3460 x 1620 x 2080 | 206 | 174 | 5200 |
| MNJPS-1000WP | 1000 | - | D2862LE223 | 12V | ECR | 24.24 | 3750 x 1631 x 1950 | 192 | 185 | 4170 |

ENGINE

- MAN four stroke diesel engine
- Air cooled/ water cooled
- Battery charging alternator
- 12/24 volt electric starter
- Heavy duty lead battery
- Full flow lubricating oil filters
- Oil cooler and gear pump
- Paper element fuel filters
- Heavy duty dry type air cleaners
- Industrial exhaust silencer
- Flexible exhaust piping
- Mechanical/ electronic governor

ALTERNATOR

- AC alternators
- 2/3 Pitch best winding design
- Single bearing
- Brushless revolving field 4 pole
- Self excited, self regulated
- Drip proof IP 22 (standard industrial alternators)
- Automatic voltage regulator (AVR), solid state
- Class H insulation & tropical impregnation
- Compliance to: BS 5000 - UK, VDE 0530 - Germany
- NEMAMG1 22 - USA

BASE FRAME

The Engine - alternator unit is resiliently mounted by rubber pads on a common heavy duty fabricated base frame with daily tank. The complete unit is load-tested and spray - painted prior to delivery.

DC CONTROL PANEL

- Electric starting by key switch and accessories
- Battery charging indicator lamp
- Lube oil pressure meter
- Temperature meter
- Hour meter
- Emergency stop
- Shutdown device:
 - Low oil pressure
 - High temperature
 - Overspeed

AC CONTROL PANEL

- Manual single operation switchboard comprising:
- MCCB with thermal overload and magnetic shortcircuit protection.
 - Frequency meter
 - Ampere meter
 - Volt meter
 - Pilot lamp

OPTIONAL

- Digital control panel with AMF facility
- Switchboard for parallel operation (auto/manual)
- Switchboard for automatic mains failure operation
- Silent canopy and or mobile genset
- Residential or super residential silencer
- Telematic control system