

Perkins Have EPA Silent Type Diesel Generator 100kVA 125kVA

Our Product Introduction

For more products please visit us on diesels-generators.com

Basic Information

- Place of Origin: China
- Brand Name: Minlong
- Certification: ISO9001
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: Wood case
- Delivery Time: 10-15 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000 set per week



Product Specification

- Stroke: Four Stroke
- Output Type: AC Three Phase
- Engine standby power: 100kw
- Engine rated power: 86kw
- Silent Type Weight: 2250*850*1400(mm)
1410kg Transport
Package Wrapped Film
Packaging Specification:
- Highlight: EPA Silent Type Diesel Generator,
125kVA Diesel Generator



More Images



Product Description

100kVA 125kVA Perkins Have EPA Silent Type Diesel Generator With Low Price

Product Description:

80kW/100KVA Perkins diesel generator set

| | |
|--------------------|-----------------------------------|
| Engine model | 1104D-E44tag2 |
| Generator model | MY POWER100-1-4/MY POWER125-1-4.1 |
| Enging Rated Power | 80KW/100KVA |

Standard configuration

General description:

1. Engine:1104D-E44tag2
2. Meet ambient temperature radiator, belt drive cooling fan, fan safety cover
3. 24VDC Charging generator
4. generator:Single bearing generator, protection IP23, class H insulation
5. Dry air filter, fuel filter, oil filter
6. Daily oil tank, shock absorber
7. Standard control panel, floating charger, cylinder water preheater
8. 2×12VDC Start battery and battery connection Cable.
9. One set of smoke exhaust elbow, bellows, flange and silencer.
10. Information on generator set usage

Generator parameters

| Voltage(V) | Frequency(Hz) | phase sequence | Power factor | Rated current(A) | Generator Prime Power(KW/KVA) |
|------------|---------------|----------------|--------------|------------------|-------------------------------|
| 120/228 | 60 | 3 | 0.8 | 144 | 80kW/100KVA |

Relationship between engine power and altitude: if the altitude is above 1500 meters, the power will decrease by 4% every 300 meters.

Relationship between engine power and ambient temperature: the engine power is reduced by 3% for every 10 degrees above ambient temperature.

Sales commitment

The products provided are brand-new products, and each unit has undergone strict factory inspection.

All products provide warranty service.

The warranty period shall be 12 months after the unit passes the commissioning and acceptance or 1000 hours of cumulative operation, whichever expires first.

Engine parameters

Introduction of basic Parametes

| | |
|---------------------------------|--------------------------|
| Engine Model | 1104D-E44tag2 |
| Spray pattern | PTDirect injection |
| Number/arrangement of cylinders | 6/L |
| Displacement/L | 5.9 L |
| Cylinder diameter × stroke(mm) | 102*120(mm) |
| Rated speed rpm | 1500 |
| Engine standby power KW | 111 |
| Engine rated power KW | 100 |
| Speed regulating system | Electron speed regulator |

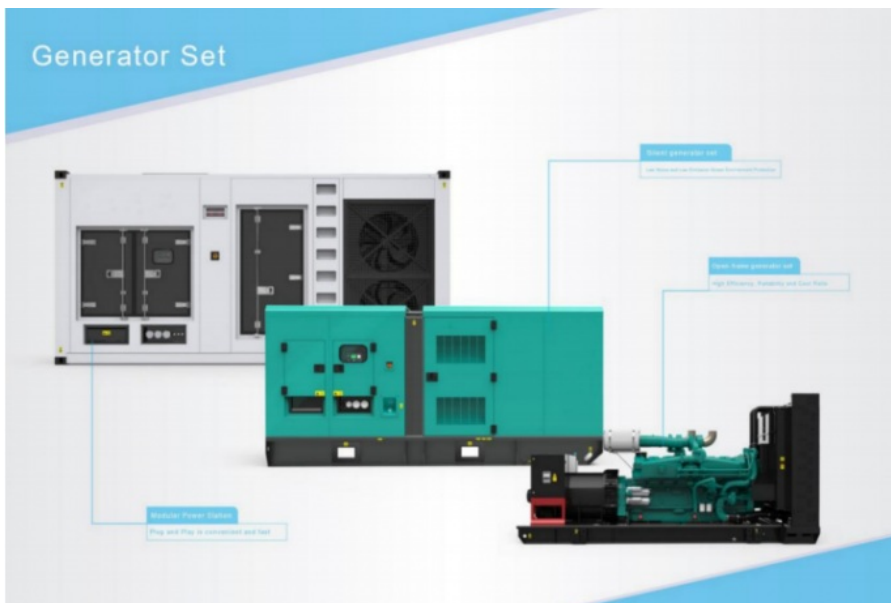
Generator parameters

| Generator technical parameters | |
|---|---------------------------------------|
| Generator Model | MY POWER80-1-4/MY POWER 100-1-4.1 |
| Phase sequence | 3 |
| Wiring method | Three-phase four-wire, Y-type winding |
| Number of bearings | 1 |
| Power factor | 0.8 |
| The protection grades | IP23 |
| Altitude requirement | ≤1000m |
| Field excitation | Brushless self-excitation |
| Insulation Grade/Temperature Rise Grade | H/H |
| Maximum overspeed | 2250 rpm/min |
| Power | 80KW/100KVA |
| Generator efficiency | ≥95 % |
| Voltage | 228V |

| Generator set parameters | |
|---|------------------|
| Voltage setting range | ≥±10% |
| Steady state voltage regulation rate | ≤0.5% |
| Transient voltage deviation (100% sudden power reduction) | ≤+17% |
| Transient Voltage Deviation (40% Sudden Power) | ≤-6.5% |
| Voltage Stability Time (100% Sudden Power Reduction) | ≤2.8S |
| Voltage Stability Time (40% Sudden Power) | ≤2.5S |
| Frequency adjustment range | ≥±10% Adjustable |
| Frequency volatility | ≤±0.25% |
| Transient frequency deviation (100% sudden power reduction) | ≤+8% |
| Transient frequency deviation (40% sudden power) | ≤-5% |
| Frequency Recovery Time (100% Sudden Power Reduction) | ≤1.48S |
| Frequency recovery time (40% sudden power) | ≤1.35S |

| Quality Standard for Generator Sets | |
|--|--|
| Diesel generator sets are designed, produced and tested strictly in accordance with the standards and can be used in various environments, meeting the following relevant standards: | |
| ISO9001 | |
| Data | |
| Atlas of Engine Parts and Original Factory Data | Generator Unit Maintenance Record Manual |

| | | |
|---|--|---|
| Factory Data | | |
| Generator factory information | Installation and Operation Manual of Generator Set | |
| Original factory data of control system | Acceptance Form for Installation and Commissioning of Generator Sets | |
| Original Factory Test Report of Generator Set | Certificate of Origin of Generator Set | |
| Optional accessories | | |
| Engine | Generator | Electrical system |
| Intermediate water heating | Anti-condensation heater | Anti-condensation heater |
| Oil preheater | Permanent magnet excitation system(PMG) | Unit control screen with three remote functions |
| Air starting motor | Voltage Sag (Parallel) | ATS automatic load transfer screen |
| Heavy Air Filter for Desert | Generators of other temperature rise grades | Full-automatic parallel screen for multiple units |
| Heavy duty secondary muffler | RTD temperature sensor, 2 per phase | Remote control system separate from unit |
| Fuel system | Other | Cooling system |
| Base tank | Rain-proof unit | Split water tank |
| Oil - water separator | Static sound box generator set | Remote water tank |
| Fully automatic oil supply system | Vehicle-mounted power generation vehicl | Heat exchanger and external circulation cooling tower |
| Buried fuel tank | Towing generator set | Marine cooling system |



1. High quality: use high-quality materials, establish a strict quality control system, and assign special personnel to be responsible for each production link from raw material procurement to assembly.
2. Professional R & D center: we employ designers with 15 years of working experience in diesel generator set industry and have been constantly improving our products.
3. Fast delivery: many goods are in stock and can be delivered within 5-15 days of placing an order.
4. Accept small orders: accept low minimum order quantity. One is available.





The picture display of the Perkins open type unit shows that every time we leave the factory, we undergo full load testing to ensure that the machine can be quickly used by customers.



The picture display of Perkins silent unit shows that we have a complete installation process and factory debugging system. Can achieve perfect factory delivery.



We have a large inventory displayed in the factory workshop. Can deliver quickly to every customer.

contacts:Yang

Thank you for watching and looking forward to your contact.

BATCH ORDERS





CERTIFICATE SHOW





COOPERATION BRAND

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |

PHYSICAL DISTRIBUTION



- Safe
- High quality
- Efficient and fast



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