

6BTA5.9-G2 Open/Silent Type 100kw 125kVA Cummins Diesel Generator Set

Basic Information

Place of Origin: ChinaBrand Name: MinlongCertification: ISO9001

Minimum Order Quantity:

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

Model NO.: MLKMS-100/6BTA5.9-G2

Stroke: Four StrokeOutput Type: AC Three Phase

Enginestandbypower: 100kw
Engineratedpower: 86kw
Open Type Weight: 1000kg
Silent Type Weight: 1410kg

Specification: 2250*850*1400(mm)
 Silent Type Size: 2800*110*1720(mm)

Highlight: 125kVA Cummins Diesel Generator Set,
 100kw Cummins Diesel Generator Set

MINLONG POWER



More Images







Product Description

Product Description:

100kW/125KVA Cummins diesel generator set

Standard configuration		
Enging Rated Power	100KW/125KVA	
Generator model	MY POWER100-1-4/MY POWER125-1-4.1	
Engine model	6BTA5.9-G2	

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General description:

- 1. Engine:6BTA5.9-G2
- 2. Meet ambient temperature radiator, beltdrive 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, cylinderwater preheater
- 8. 2×12VDC Start battery and battery connectionCable.
- 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)
400/23 0	50	3	0.8	144	100kW/125KVA

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	6BTA5.9-G2	
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	120	
Engine rated power KW	106	
Speed regulating system	Electron speed regulator	
Generator parameters		

Generator technical parameters		
Generator Model	MY POWER100-1-4/MY POWER 125-1-4.1	
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	100KW/125KVA	
Generator efficiency	≥95 %	
Voltage	400V	

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% Adjustble
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		
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 accessor	sories		
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	
secondary muffler 2 per phase		Remote control system separate from unit	
		Cooling system	
Base tank	Rain-proof unit	Split water tank	
Oil - water	Static sound box	Remote water tank	

οσμαιαιυι	generator set	
•	· ·	Heat exchanger and external circulation
supply system	generation vehicl	cooling tower
Buried fuel tank	Towing generator set	Marine cooling system



- 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.
 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.
- Fast delivery: many goods are in stock and can be delivered within 5-15 days of placing an order.
 Accept small orders: accept low minimum order quantity. One is available.

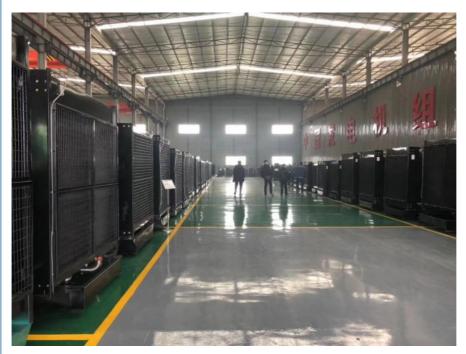


The picture display of the Cummins open type unit shows that every time we leave the factory, we undergo full load testing to ensure that the machine can be quickly used by customers.





The picture display of Cummins 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.



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