## LG150C Powered by dong feng

Model	Frequency/RPM	Standby Power	Prime Power	
		120KW	© 110KW	
LG150C	50HZ/1500RPM	150KVA	138KVA	
* Voltages: 230/4	100			

(1) Prime Power: Ratings are as per DIN 6271,BS55114 and ISO-3046 with 10% overload capacity. (2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.

(3) Operation at Altitude ≤1000m, Ambient temperature ≤ 40 °C). If altitude higher than 1000m, each 300m will cause additional de-rating 4%

General Characteristics		
Model	LG150C	©
Engine	Cummins 6BTAA5.9-G2	
Alternator(交流发电机)	UCI274E	
Speed Control Type(转速控制方式)	电子调速	
Phase(相数)	3	
System Voltage(系统电压)	24	
Frequency(频率)	50HZ	
Engine Sped(RPM)	1500 ©	
Controller Model(控制器型号)		

Dimension	S			
DIMENSION		OPEN TYPE	SILENT TYPE	
Length	(L)	2150mm	3200mm	
Width	(W)	925mm	1080mm	_
Height	(H)	1555mm	2000mm	_
Net Weight	(KG)	1250kg	1960kg	_



JCE CE

**ISO** 9001

# COLERCA BECITIC

Engine Specification       DONG FENC CUMMINS         Brand       0BTA359662         No of Cylinders and Cycle       6,9         Sompression Ratio       17,31         Displacement (L)       5,9         Bore X Stroke (mm)       102*120         Piston Speed (MbS)       6         Air Indiac Rowl (L/s)       295         Starting System       electonoic         Engine Coolant Flow (L/s)       2         Base Output Power (WV)       120         100% load       30         75% load       16			6		
Brand         DONG FENC CUMMINS           Model         68TA5.9.62           No of Cylinders and Cycle         6           Compression Ratio         147.371           Displacement (L)         5.9           Bors x Stroke (mm)         102*120           Piston Speed (mks)         6           Air Intace Flow (L/s)         114           Exhaust Flow (L/s)         295           Net Engine Weight (kg)         411           Starting System         electronic           Engine Coolant Flow (L/s)         2           Base Output Power (W)         120           100% load         34           76% load         30           76% load         33           76% load         23           50% load         16           Value Cooling Resistance exterior engine(RPA)           78% load         23           50% load         16           Value Resistance exterior engine(RPA)           78% load         28           Thermostat adjusting temperature (C)         82.95           Mininum Pressure of Radiator Cap (kPA)         69           Goolant capacity-engine only(b)         10           Fuel System         Fuel	ý		CA		©
Brand         DONG FENC CUMMINS           Model         6817A5,9.62           No of Cylinders and Cycle         6           Compression Ratio         17,3/1           Displacement (L)         5,9           Bors x Stroke (mm)         102*120           Piston Speed (mks)         6           Air Intace Flow (L/s)         114           Exhaust Flow (L/s)         295           Net Engine Weight (kg)         411           Starting System         electronic           Engine Coolant Flow (L/s)         2           Base Output Power (KW)         120           100% load         34           76% load         30           76% load         23           Base Output Power (KW)         120           100% load         34           70% load         23           50% load         18           76% load         28           Thermostat adjusting temperature (C)         82-95           Minfutur Pressure of Radiator Cap (kPA)         69           Goolant capacity-engine only(L)         10           70% load         13.6           Maximum Euterlielet Temperature (C)         70           70 torin filew (constant for all l	®				
Model         6BTAA5.9.62           No. of Cylinders and Cycle         6           Compression Ratio         17.31           Displacement (L)         5.9           Bore x Stroke (mm)         102*120           Piston Speed (filks)         6           Air Intake Flow (L/s)         114           Exhaust Flow (L/s)         295           Net Engine Weight (kg)         411           Starting System         electronic           Engine Coolant Flow (L/s)         2           Base Output Power (KW)         100% load           100% load         34           Fuel         100% load           Cooling System         Max.coolant cycling resistance exterior engine(kPA)         28           Thermositat adjusting temperature (C)         82-95           Minimum Pressure of Radiator Cap (kPA)         69           Coolant capacity-engine only(L)         10           Fuel System         Fuel Injection pump model         BYC PB型11秒(家           Maximum Euclinet Temperature (C)         30           Cooling System         Fuel Injection at Lift Pump (kPa)         13.6           Maximum Euclinet Temperature (C)         10         10           Fuel System         Sovinde (k/PA)         305		ecification			
No. of Cylinders and Cycle         6           Compression Ratio         17.3.1           Displacement (L)         5.9           Bore x Stroke (mm)         102*120           Piston Speed (m/s)         6           Air Intake Flow (L/s)         295           Net Engine Weight (kg)         411           Starting System         electronic           Engine Coolant Flow (L/s)         2           Base Output Power (kW)         120           Fuel         10% load         34           Consumption (L/h)         10% load         34           Themostat adjusting temperature (%)         82-95           Minimum Pressure of Radiator Cap (kPA)         69           Cooling System         Max.coolant cycling resistance exterior engine(kPA)         69           Coolant capacity-engine only(L)         10         10           Fuel System         Fuel injection pump model         BYC PB型直刻系           Maximum Eucliniet Temperature (°C)         13.6         13.6           Maximum Eucliniet Temperature (°C)         10         121           Lubricating         Max: oil temperature permitted in oil pan (°C)         121           Lubricating         Max: oil temperature permitted in oil pan (°C)         121				AINS	
Compression Ratio         17.3/1           Displacement (L)         5.9           Bora x Stroke (mm)         102*120           Piston Speed (mk)         6           Air Intake Flow (L/s)         114           Exhaust Flow (L/s)         295           Net Engine Weight (kg)         411           Starting System         electronic           Engine Coolant Flow (L/s)         2           Base Output Power (kW)         120           Starting System         100% load           100% load         34           Consumption (L/n)         100% load           100% load         30           75% load         23           50% load         16           Cooling System         Max.coolant cycling resistance exterior engine(kPA)         28           Goolant capacity-engine only(L)         10           Fuel injection pump model         BYC PB型直测系           Maximum Restrictionat Lift Pump (kPa)         13.6           Maximum Edie Intel Temperature (°C)         10           Total Drain Flow (constant for all loads) (L/h)         30           Maximum Edie Intel Temperature (°C)         121           Lubricating         Max. oil temperature permitted in oil pan (°C)         121		ders and Cvcle			
Bore x Stroke (mm)         f02*120           Piston Speed (m/s)         6           Air Intake Flow (L/s)         114           Exhaust Flow (L/s)         295           Net Engine Weight (kg)         411           Starting System         electronic           Engine Coolant Flow (L/s)         2           Base Output Power (kW)         120           Base Output Power (kW)         120           Fuel         110% load         34           100% load         30         75% load         23           50% load         16         50% load         69           Cooling System         Max.coolant cycling resistance exterior engine(kPA)         28           Themostat adjusting temperature (C)         82-95         82-95           Minimum Pressure of Radiator Cap (kPA)         69         60           Cooling System         Fuel injection pump model         BYC PB型型型列泵           Maximum Euel Inlet Temperature (C)         10         10           Fuel System         Max.coil toraturt for all loads) (L/h)         60           Lubricating         Rated speed (kPA)         207           System         Max. oil temperature permitted in oil pan (°C )         121           Lubricating         Max. ack	A Y III	- (Ça)		®	—
Piston Speed (m/s)         6           Air Intake Flow (L/s)         114           Exhausif Flow (L/s)         295           Net Engine Weight (kg)         411           Starting System         electronic           Engine Coolant Flow (L/s)         2           Base Output Power (kW)         120           Fuel         100% load         34           Consumption         75% load         23           50% load         16         50% load         16           Cooling System         Max.coolant cycling resistance exterior engine(kPA)         82-95           Minimum Pressure of Radiator Cap (kPA)         69         60           Cooling System         Fuel injection pump model         BYC PB型近河频泵           Fuel System         Maximum Restriction at Lift Pump (kPa)         13.6           Maximum Euel Inlet Temperature (°C )         10         10           Fuel System         Maximum Euel Inlet Temperature (°C )         13.6           Maximum Fuel Inlet Temperature (°C )         13.6         13.6           Maximum Fuel Inlet Temperature permitted in oil pan (°C )         121         121           Lubricating         Max. oil temperature permitted in oil pan (°C )         121         121           Lubrication system Min. es	· · · · · · · · · · · · · · · · · · ·				
Air Intake Flow (L/s)       114         Exhaust Flow (L/s)       295         Net Engine Weight (kg)       411         Starting System       electronic         Engine Coolant Flow (L/s)       2         Base Output Power (kW)       120         Fuel Consumption (L/h)       100% load       34         Fuel Consumption (L/h)       100% load       30         So% load       16       28         Max.coolant cycling resistance exterior engine(kPA)       28         Thermostat adjusting temperature (%)       82-95         Minimum Pressure of Radiator Cap (kPA)       69         Cooling System       Fuel injection pump model       BYC PB型直闭泵         Fuel System       Maximum Restriction at Lift Pump (kPa)       13.6         Maximum Euel Inlet Temperature (°C)       10       10         Fuel System       Low idle (kPA)       207         Rated speed (kPA)       345       345         Max. oil temperature permitted in oil pan (°C)       121         Lubricating       System Max. Back Pressure (kPA)       10         Electrical System       Max. Back Pressure (kPA)       10         Electrical System       Max. Back Pressure (kPA)       10					
Exhaust Flow (L/s)       295         Net Engine Weight (kg)       411         Starting System       electronic         Engine Coolant Flow (L/s)       2         Base Output Power (kW)       120         Fuel       100% load       34         Consumption       75% load       23         (L/h)       75% load       23         Fuel       100% load       16         Cooling System       Max.coolant cycling resistance exterior engine(kPA)       28         Thermostat adjusting temperature (*)       82-95         Minimum Pressure of Radiator Cap (kPA)       69         Coolant capacity-engine only(b)       10         Fuel System       Fuel Injection pump model       BYC PB型直刻泵         Maximum Eucliphet Temperature (°C)       13.6         Maximum Eucliphet Temperature (°C)       13.6         Maximum Eucliphet Temperature (°C)       10         Lubricating       System       Aac oil temperature permitted in oil pan (°C)       121         Lubricating System       Max. Back Pressure (kPA)       10       10         Electrical System       Max. Back Pressure (kPA)       10       16.4         Extnaust System       Max. Back Pressure (kPA)       10       16.4					
Net Engine Weight (kg)       411         Starting System       electronic         Engine Coolant Flow (L/s)       2         Base Output Power (kW)       120         Fuel Consumption (L'h)       100% load       34         Tools (L'h)       75% load       23         50% load       16       50% load       16         Max.coolant cycling resistance exterior engine(kPA)       28         Thermostat adjusting temperature (°C)       82-95         Minimum Pressure of Radiator Cap (kPA)       69         Coolant capacity-engine only(L)       10         Fuel System       Fuel injection pump model       BYC PB型自刻集         Maximum Restriction at Lift Pump (kPa)       13.6         Maximum Fuel Inject remperature (°C )       13.6         Total Drain Flow (constant for all loads) (L/h)       30         Lubricating System       Low rick (kPA)       345         Max. oil temperature permitted in oil pan (°C )       121         Lubricating System       Max. Back Pressure (kPA)       10         Electrical System       Starter (V)       24         Electrical System       Starter (V)       24				©	
Engine Coolant Flow (L/s)         2           Base Output Power (KW)         120           Fuel Consumption (L/h)         110% load         34           Town of the consumption (L/h)         100% load         30           75% load         23         100% load         16           Max.coolant cycling resistance exterior angine(kPA)         28         16           Cooling System         Max.coolant cycling resistance exterior angine(kPA)         28           Thermostat adjusting temperature (°C)         82-95           Minimum Pressure of Radiato Cap (kPA)         69           Coolant capacity-engine only(L)         10           Fuel System         Fuel injection pump model         BYC PB型自列案           Maximum Fuel Inlet Temperature (°C)         13.6           Maximum Fuel Inlet Temperature (°C)         13.6           Maximum Fuel Inlet Temperature (°C)         10           Lubricating         Rated speed (kPA)         207           Rated speed (kPA)         345           Max. oil temperature permitted in oil pan (°C)         121           Lubrication system Min capacity (L)         16.4           Electrical System         Starter (V)         24           Battery charging system (A)         40					
Base Output Power (kW)         120           Fuel Consumption (L/h)         110% load         34           75% load         23           50% load         16           Max.coolant cycling resistance exterior engine(kPA)           Cooling System         Max.coolant cycling resistance exterior engine(kPA)         28           Minimum Pressure of Radiatol Cap (kPA)         69         69           Cooling System         Fuel injection pump model         BYC PB型直列泵           Maximum Restriction at Lift Pump (kPa)         13.6         Maximum Euler Intel Temperature (°C )           Total Drain Flow (constant for all loads) (L/h)         30         207           Rated speed (kPA)         345         345           Max. oil temperature permitted in oil pan (°C )         121           Lubricating         Starter (V)         24           Electrical System         Starter (V)         24			electronic		
Fuel Consumption (L/h)         110% load         34           100% load         30         30           75% load         23           50% load         16           Max.coolant cycling resistance exterior engine(kPA)           28         Thermostat adjusting temperature (C)         82-95           Minimum Pressure of Radiator Cap (kPA)         69         69           Cooling System         Fuel injection pump model         BYC PB型直列泵           Maximum Restriction at Lift Pump (kPa)         13.6         Maximum Euel (nlet Temperature (°C))           Total Drain Flow (constant for all loads) (L/h)         30         207           Rated speed (kPA)         207         345           Max. oil temperature permitted in oil pan (°C )         121           Lubricating         Max. Back Pressure (kPA)         10           Electrical System         Max. Back Pressure (kPA)         10           Electrical System         Starter (V)         24					
Fuel Consumption (L/h)       100% load       30         75% load       23         50% load       16         Max.coolant cycling resistance exterior engine(kPA)         28       Thermostat adjusting temperature (C)       82-95         Minimum Pressure of Radiator Cap (kPA)       69         Cooling System       Fuel injection pump model       BYC PB型直列泵         Maximum Restriction at Lift Pump (kPa)       13.6         Maximum Fuel Inlet Temperature (°C )       10         Total Drain Flow (constant for all loads) (L/h)       30         Lubricating System       Low idle (kPA)       207         Rated speed (kPA)       345         Max. oil temperature permitted in oil pan (°C )       121         Lubricating       Starter (V)       24         Electrical System       Starter (V)       24	Base Outpu				->
Consumption (L/h)         75% load         23           50% load         16           Max.coolant cycling resistance exterior engine(kPA)         28           Thermostat adjusting temperature (°)         82-95           Minimum Pressure of Radiator Cap (kPA)         69           Coolant capacity-engine only(L)         10           Fuel System         Fuel injection pump model         BYC PB型直列泵           Maximum Restriction at Lift Pump (kPa)         13.6           Maximum Fuel Inlet Temperature (°C)         Total Drain Flow (constant for all loads) (L/h)         30           Lubricating         Low idle (kPA)         207           Rated speed (kPA)         345           Max. oil temperature permitted in oil pan (°C )         121           Lubrication system Min. capacity (L)         16.4           Exhaust System         Max. Back Pressure (kPA)         10           Electrical System         Starter (V)         24	Fuel				Ð
50% load       16         Cooling System       Max.coolant cycling resistance exterior engine(kPA)       28         Thermostat adjusting temperature (℃)       82-95         Minimum Pressure of Radiatol Cap (kPA)       69         Coolant capacity-engine only(L)       10         Fuel System       Fuel injection pump model       BYC PB型直列泵         Maximum Restriction at Lift Pump (kPa)       13.6         Maximum Fuel Inlet Temperature (℃)       Total Drain Flow (constant for all loads) (L/h)       30         Lubricating       Low idle (kPA)       207         Rated speed (kPA)       345         Max. oil temperature permitted in oil pan (℃)       121         Lubrication system       Max. Back Pressure (kPA)       10         Electrical System       Starter (V)       24         Battery charging system (A)       40		n®			-
Cooling System         Thermostat adjusting temperature (℃)         82-95           Minimum Pressure of Radiator Cap (kPA)         69           Coolant capacity-engine only(L)         10           Fuel system         Fuel injection pump model         BYC PB型直列泵           Maximum Restriction at Lift Pump (kPa)         13.6           Maximum Fuel Inlet Temperature (℃)         Total Drain Flow (constant for all loads) (L/h)         30           Lubricating         Low idle (kPA)         207           Rated speed (kPA)         345           Max. oil temperature permitted in oil pan (℃)         121           Lubrication system Min. capacity (L)         16.4           Exhaust System         Max. Back Pressure (kPA)         10           Electrical System         Starter (V)         24           Battery charging system (A)         40		50% load	16		
Cooling System         Thermostat adjusting temperature (℃)         82-95           Minimum Pressure of Radiator Cap (kPA)         69           Coolant capacity-engine only(L)         10           Fuel system         Fuel injection pump model         BYC PB型直列泵           Maximum Restriction at Lift Pump (kPa)         13.6           Maximum Fuel Inlet Temperature (℃)         Total Drain Flow (constant for all loads) (L/h)         30           Lubricating         Low idle (kPA)         207           Rated speed (kPA)         345           Max. oil temperature permitted in oil pan (℃)         121           Lubrication system Min. capacity (L)         16.4           Exhaust System         Max. Back Pressure (kPA)         10           Electrical System         Starter (V)         24           Battery charging system (A)         40					
Cooling System         Minimum Pressure of Radiator Cap (kPA)         69           Coolant capacity-engine only(L)         10           Fuel System         Fuel injection pump model         BYC PB型直列泵           Maximum Restriction at Lift Pump (kPa)         13.6           Maximum Fuel Inlet Temperature (°C )         10           Total Drain Flow (constant for all loads) (L/h)         30           Lubricating         Low idle (kPA)         207           Rated speed (kPA)         345           Max. oil temperature permitted in oil pan (°C )         121           Lubrication system Min. capacity (L)         16.4           Exhaust System         Max. Back Pressure (kPA)         10           Electrical System         Starter (V)         24           Battery charging system (A)         40         40		Max.coolant cycling re	esistance exterior engine(kPA)	28	
Minimum Pressure of Radiator Cap (kPA)     69       Coolant capacity-engine only(L)     10       Fuel Nystem     Fuel injection pump model     BYC PB型直列泵       Maximum Restriction at Lift Pump (kPa)     13.6       Maximum Fuel Inlet Temperature (°C )     1       Total Drain Flow (constant for all loads) (L/h)     30       Lubricating     Low idle (kPA)     207       Rated speed (kPA)     345       Max. oil temperature permitted in oil pan (°C )     121       Lubrication System     Max. Back Pressure (kPA)     10       Electrical System     Starter (V)     24       Battery charging system (A)     40	Cooling	Thermostat adjusting	temperature (°C)	82-95	_
Fuel System         Fuel injection pump model         BYC PB型直列泵           Maximum Restriction at Lift Pump (kPa)         13.6           Maximum Fuel Inlet Temperature (°C )         13.6           Total Drain Flow (constant for all loads) (L/h)         30           Lubricating System         Low idle (kPA)         207           Rated speed (kPA)         345           Max. oil temperature permitted in oil pan (°C )         121           Lubrication system Min. capacity (L)         16.4           Exhaust System         Max. Back Pressure (kPA)         10           Electrical System         Starter (V)         24           Battery charging system (A)         40	Cooling	Minimum Pressure of	Radiator Cap (kPA)	69	
Fuel SystemMaximum Restriction at Lift Pump (kPa)13.6Maximum Fuel Inlet Temperature (°C )Imaximum Fuel Inlet Temperature (°C )Imaximum Fuel Inlet Temperature (°C )Total Drain Flow (constant for all loads) (L/h)30Lubricating SystemLow idle (kPA)207Rated speed (kPA)345Max. oil temperature permitted in oil pan (°C )121Lubrication system Min. capacity (L)16.4Exhaust SystemMax. Back Pressure (kPA)10Electrical SystemStarter (V)24Battery charging system (A)40		Coolant capacity-engi	ne only(L)	10	
Maximum Fuel Inlet Temperature (°C )       Maximum Fuel Inlet Temperature (°C )         Total Drain Flow (constant for all loads) (L/h)       30         Lubricating System       Low idle (kPA)       207         Rated speed (kPA)       345         Max. oil temperature permitted in oil pan (°C )       121         Lubrication system Min. capacity (L)       16.4         Exhaust System       Max. Back Pressure (kPA)       10         Electrical System       Starter (V)       24         Battery charging system (A)       40		Fuel injection pump m	nodel	BYC PB型直列泵	
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Lubricating SystemLow idle (kPA)207Rated speed (kPA)345Max. oil temperature permitted in oil pan (°C )121Lubrication system Min. capacity (L)16.4Exhaust SystemMax. Back Pressure (kPA)10Electrical SystemStarter (V)24Battery charging system (A)40		Maximum Fuel Inlet T	emperature (°C)		
System       Max. oil temperature permitted in oil pan (°C )       121         Lubrication system Min. capacity (L)       16.4         Exhaust System       Max. Back Pressure (kPA)       10         Electrical System       Starter (V)       24         Battery charging system (A)       40	C	Total Drain Flow (con	Total Drain Flow (constant for all loads) (L/h)		
System       Max. oil temperature permitted in oil pan (°C )       121         Lubrication system Min. capacity (L)       16.4         Exhaust System       Max. Back Pressure (kPA)       10         Electrical System       Starter (V)       24         Battery charging system (A)       40		Low idle (kPA)		207	©
System       Max. oil temperature permitted in oil pan (°C )       121         Lubrication system Min. capacity (L)       16.4         Exhaust System       Max. Back Pressure (kPA)       10         Electrical System       Starter (V)       24         Battery charging system (A)       40	Lubricati	ng Rated speed (kPA)		345	
Exhaust System     Max. Back Pressure (kPA)     10       Electrical System     Starter (V)     24       Battery charging system (A)     40	System	® Max. oil temperature	permitted in oil pan ( $^{\circ}\!$	121	
Electrical System     Starter (V)     24       Battery charging system (A)     40		Lubrication system Mi	in. capacity (L)	16.4	
Electrical System Battery charging system (A) 40	Exhaust	System Max. Back Pressure (	kPA)	10	
Battery charging system (A)	Electrical	Starter (V)		24	
	Electrical	Battery charging syste	em (A)	<sub>©</sub> 40	
			-		
			¢		

CP

Cliff

SGS

### C LEEGA®

Alternator Specification		¢.	
Poles	No.	4	
Connection type (standard)		Series Star	
Insulation		Class" H"	
Enclosure (according IEC-34-5)		IP23 ©	
Exciter system		Self-excited, brush	less
Voltage regulator		A.V.R. (Electronic)	
Bracket type	®	Single bearing	
Coupling system		Flexible disc	®
Coating type		Standard (Vacuum	impregnation)

\*Alternator meets BS EN 60034 and the relevant section of other international standards such as BS5000, VDE 0530, NEMA MG1-32, IEC34, CSA C22.2 and AS1359.

#### Options

#### Engine

- Jacket Water Preheater
- Oil Preheater

#### **Generator Sets**

Tools with the machine

#### Fuel System

- · Low fuel level alarm
- Automatic fuel feeding system
- Fuel T-valves

#### **Control Panel**

- Remote control panel
- ATS
- Remote controller
- Synchronizing controller

#### Alternator

- Winding temperature measuring instrument
- Alternator Preheater
- Anti-damp and anti-corrosion treatment
- Anti-condensation heater

#### Canopy

- Rental type canopy
- Trailer

#### Exhaust System

Protection board from heat

#### **Cooling System**

Front heat protection
 Coolant (-30<sup>°</sup>C)

#### Lubricating System

With machine oil

Note: This drawing is provided for reference only and should not be used for planning installation. Contact your

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