



HEBEI LEADER IMP.&EXP. CO.,LTD.



LD250 康明斯柴油发电机组技术参数
LD250 CUMMINS Diesel Generator Set Technical Data



柴油发电机组技术参数

(Diesel Generator Set Technical Data)

Standby power (50HZ) 备用功率	275KW /343KVA
Prime Power (50HZ) 主用功率	250KW / 312.5KVA
Voltage regulation (电压整定范围):	$\geq \pm 5\%$
Voltage Regulation, Stead State (稳定电压调整率):	$\leq \pm 1\%$
Sudden Voltage Warp (100% Sudden Reduce) (瞬态电压偏差 (100%突减功率)):	$\leq +25\%$
Sudden voltage Warp(Sudden Increase) (瞬态电压偏差 (突加功率)):	$\leq -20\%$
Voltage Stable Time (100% Sudden Reduce) (电压稳定时间 (100%突减功率)):	$\leq 6S$
Voltage Stable Time(Sudden Increase) (电压稳定时间 (突加功率)):	$\leq 6S$
Frequency Regulation, Stead State (稳态频率调整率):	$\leq 5\%$
Frequency Waving (频率波动率):	$\leq 1.5\%$
Sudden Frequency Warp (100%Sudden Reduce) (瞬态频率偏差 (100%突减功率)):	$\leq +12\%$
Sudden Frequency Warp (Sudden Increase) (瞬态频率偏差 (突加功率)):	$\leq -10\%$
Frequency Recovery Time (100%Sudden Reduce) (频率恢复时间 (100%突减功率)):	$\leq 5S$
Frequency Recovery Time (Sudden Increase) (频率恢复时间 (突减功率)):	$\leq 5S$

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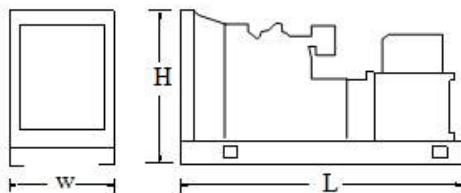
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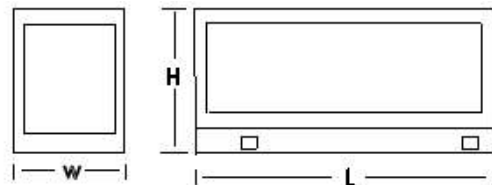
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发电机 ALTERNATOR			
型号 Alternator Model	①	LDF250 常用功率 Prime power (kW)	250 KW
频率、转速、电压 Frequency、Speed、Voltage		50 HZ、1500 rpm、400 v	
电压调节范围 Voltage regulation	±0.5%	功率因素 Rated power factor	0.8
<ul style="list-style-type: none"> ⊙ 无刷自励发电机系统，在各种情况下均可提供可靠励磁； ⊙ 标准的2/3节距绕组，有效抑制过多的中线电流； ⊙ 绝缘等级：H，防护等级：IP21； ⊙ 稳态电压调整率：≤±1.0%； ⊙ 电话干扰：THF < 2%，TIF < 50； ⊙ 与其它品牌发电机相比，发电机效率最高 <p>Alternators meet the requirement of BS EN 60034 and the relevant section of other international standards such as BS5000, VDE 0530, NEMA MG1-32, IEC34, CSAC22.2-100, As1359, and other standards and certifications can be considered on request. The 2/3 pitch design avoids excessive neutral currents. With the 2/3 pitch and carefully selected pole and tooth designs, ensures very low waveform distortion. Brushless alternator with brushless pilot exciter for excellent load response. The insulation system is class H, easy paralleling with mains or other generators, standard 2/3 pitch stator windings avoid excessive neutral currents. Backed by worldwide service network.</p>			

机组尺寸、重量 Genset Dimensions and Weights			
开放型 OPEN STYLE			
尺寸 Overall Size L×W×H, mm	3250	1100	1720
净重, Weight(radiator model), net, kg	2940		
静音型 SOUNDPROOF STYLE			
尺寸 Overall Size L×W×H, mm	4400	1130	2250
净重, Weight(radiator model), net, kg	3720		



开放型 OPEN STYLE



静音型 SOUNDPROOF STYLE

注：随着产品不断更新和完善，以上内容可能有变动，恕不另行通知。

NOTE: This drawing is provided for reference only and should not be used for planning installation. Contact your local distributor for more detailed information.

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控制系统 Control System

工作环境: (Work environment)

工作温度 Operating temperature : -20℃ ~ 60℃ 相对湿度 Relative Humidity : 95%
 工作电压 Operating voltage : DC24V (范围 range : 18-30V, 耐压 pressure : 50V/5 mm)

总体功能及特征: (General functions and features)

控制屏具有体积小、性能可靠、操作简单，内部线路清晰，便于检测。具有自动检测和多种保护功能，保护柴油机安全、稳定运行。多界面显示机组工作及报警状态，直观清晰，LCD显示柴油机的各项参数。微电脑控制面板上可设定输入、输出、报警、延时等参数。维护、手动、自动等多种工作模式。市电非正常无电源自动起动，发电机组故障保护关机，提供历史状态记录。发电机过压/欠压、发电机低频/高频、发电机转速欠速/超速、低油压、高水温、急停、蓄电池过压/欠压、过电流/短路故障等保护功能。

Control screen is small, reliable performance, simple operation, the internal circuits clear, easy detection. With automatic detection and protection features protect the engine safe and stable operation. Multi-interface display unit work and alarm state, intuitively clear, LCD displays the parameters of diesel engines. Microcomputer can be set on the control panel input, output, alarm, delay and other parameters. Maintenance, manual, automatic and other modes of operation. No non-normal electricity supply automatic starting, generator fault protection off, to provide historical state records. Generator over / under voltage, generator frequency / high frequency generator speed due to speed / overspeed, low oil pressure, high temperature, emergency stop, battery over / under voltage, over current / short circuit protection function.

<p>开架式 Open Type</p>		<p>静音型 Silent Type</p>	
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模块描述 Description

标准功能 Standard functions	停机 Shutdown	报警 Warning
发动机控制 Engine Control 发电机组监测 Generator Monitoring 机组保护 Generator Protection 发动机监测 Engine Monitoring 测试显示清理 Clear Text Display	降速显示 Loss of Speed Signal 发电机欠压/过压 Alternator Under / Over Voltage 发电机低频/超频 Alternator Under/ Over Frequency 市电欠压/过压 Mains Under / Over Voltage 市电低频/超频 Mains Under/ Over Frequency 低速/超速 Under / Over Speed 低油压 Low Oil Pressure 发动机高温 High Engine Temperature 电子相序(可选) Phase Sequence Electrical (Option) 接地故障 (可选) Earth Fault (Option)	发电机欠压/过压 Alternator Under / OverVoltage 发电机低频/超频 Alternator Under/ OverFrequency 市电欠压/过压 Mains Under / Over Voltage 市电低频/超频 Mains Under/ Over Frequency 低速/超速 Under / Over Speed 低油压预警 Low Oil Pressure Pre-Alarm 发动机高温预警 High Engine Temperature Pre-Alarm 电池电压过高/过低 High/Low Battery Voltage 过流 Over-current 定期维护 Periodic maintenance

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