

## Technical parameters of ZCM200P diesel generator sets

Technical parameters		
Model		ZCM200P
Dimension (L×W×H)	mm	2454×945×1578
Weight	kg	1750
Prime power	kVA/kW	250/200
Standby power	kVA/kW	263.75/211
Rated voltage	V	400/230
Output frequency	Hz	50
Steady voltage regulation rate	%	±1
Voltage fluctuation rate	%	≤0.5
Frequency fluctuation rate	%	≤0.5
Sudden load frequency stable time	s	≤3
Sudden load voltage stable time	s	≤2
Wire mode		3-phase 4-wire
Control system		micro-processor control system
Damping system		high-elasticity rubber damper
Engine		
Engine model		6LTAA8.9-G2
Weight	kg	710
Power (prime\standby)	kW	220/245
Weight (wet)	kg	740

外形尺寸	mm	1129×743×1095
Engine type		6 in-line
Intake mode		Turbo-charge intercooler
Oil type		API CD 15W-40
Fuel type		0#diesel
Fuel consumption rate	g/kWh	46
Oil consumption rate	g/kWh	0.5% of fuel consumption
Start mode		24V DC Electro-start
Speed regulating mode		Electro-regulation
Cooling method		Forced circulation water cooled
Rated speed	rpm	1500
H.P. fuel pump		P7100 pump
Steady regulation rate		≤1%
Lube oil capacity	L	19
Cooling system capacity	L	11.1 (only for engine)
Compression ratio		16.6:1
Displacement	L	8.9
<b>Generator</b>		
Model (single bearing)		MP-200-4
Dimension (L×W×H)	mm	919×610×855
Weight	kg	768

Power (prime\standby)	kW	200/211
Excitation system		Brushless self-excitation
Protection		IP21
Insulation class		H
Winding pitch		2/3
Steady voltage regulation rate		≤1%
Recovery time	s	≤1.0
Waveform deviation rate	THD	≤5%
<b>Control system</b>		
Control module		Zhongzhi 170HC (automatic type)
Displayed contents		Over-speed, oil pressure, water temperature, charge fail, alarm fault,etc.
Main functions		High water temperature, low oil pressure, over-speed, start fail, manual start control, and remote start control, with expansion.