

200KW GENERATOR SPECIFICATIONS

Genset Model	GFS-200
Rated Power	200kw/250KVA
Rated frequency: 50HZ	Compression Ratio:16.6:1
Rated output voltage: 380/50Hz	Aspiration: Turbocharged and Charge Air Cooled
Rated current:	303A
Bore: 114 mm	Governor Regulation: $\leq 5\%$
Stroke: 145 mm	Fuel System: BYC P7100/Electronic Governor
Dimension: 3600*1300*1900 (mm)	Fuel consumption (100% load): 54L/H
Weight: 2650kg	Noise Level (LP7m) : 70dB(A)
Engine Specification	
Brand: Cummins	Cooling system: Closed water circulation cooling.
Engine Model: 6LTAA8.9A-G3	Alimentation: direct injection
Cylinder No.: 6 / in-line arrangement	speed adjustment mode: electric speed governors
Overload capacity: 110%	Intake type: Four stroke, turbocharged exhaust gas
Start system: DC24V ectric start	overload capacity: 110%
Alternator Specification	
Manufacturer/Model	EM-274K
Number Of Phase	3
Connecting Type	3 Phase and 4 Wires,"Y"type connecting
Number of Bearing	1
Power Factor	0.8
Protection Grade	IP22
Cylinder diameter * stroke:	140mm*152mm
Altitude	$\leq 1000\text{m}$
Exciter Type	Brushless,self-exciting
Insulation Class,Temperature Rise	H/H
Telephone Influence Factor(TIF)	< 50
THF	$< 2\%$
Voltage Regulation,Steady State	$\leq \pm 1\%$
Alternator Efficiencies	91.70%
Air Cooling Flow	$0.514\text{m}^3/\text{s}$