

6. Criterion

- (1) 1509001:2008 Quality Control System
- (2) 15014001:2008 Environment Control System
- (3) Cummins OEM Certificate

Section B. Technical Specification**1. Specification of genset**

Gensets model	HL250GF
Prime power	250KVA
Rated Voltage	400/230V
Rated frequency(HZ)	50
Rated Speed	1500rpm
Power Factor(COS ϕ)	0.8(lagging)
Dimensions(mm) (L×W×H)	3900*1300*2080
Net Weight(kg)	3100

2. Specification of diesel engine

Engine brand	Cummins
Engine model	6LTAA8.9-G2
Number of Cylinders	6
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Aspiration	Turbocharged
Fuel System	BYC P7100 pump
Bore×Stroke (mm×mm)	114 x 135
Displacement (Liter)	8,9
Compression Ratio	16.6:1
Speed Governor	Electronic
Cooling System	Forced Water Cooling Cycle
Total lubrication system Min.capacity (L)	23,8
Fuel Consumption at 100% Load (L/h)	53
Starting Method	DC12V electrical starting

3. Specification of alternator

Alternator brand	SHANHUA (Shandong Huali Electromechanical Co., Ltd)
Alternator model	HLF-200
Number of Phase	3
Connecting Type	3 Phase and 4 Wires
Number of Bearing	1
Protection Grade	IP21
Altitude	≤1000m
Exciter Type	Brushless ,Self-exciting, AVR automatic voltage regulating,100% Copper winding wire
Insulation Class	H
Telephone Influence Factor (TIF)	≤50
THF	≤2%
Voltage Regulation, Steady State	≤±1%
Transient State Voltage	≤-15%~+20%

Note :
Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

SH-B3