

5. Criterion

- (1) ISO9001 :2008 Quality Control System
 (2) ISO14001:2008 Environment Control System

Section B. Technical Specification

1. Specification of Genset

Gensets model	HL500GFS
Prime power	500KW/625KVA
Rated Voltage	400/230V
Rated frequency(HZ)	50
Rated Speed	1500rpm
Power Factor(COS ϕ)	0.8(lagging)
Dimensions(mm) (L×W×H)	5600X2300X2700
Net Weight(kg)	7000

2. Specification of diesel engine

Engine brand	Cummins
Engine model	KTAA19-G6A
Number of Cylinders	6
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Aspiration	Turbocharged, Air/Air Cooling
Fuel System	PT type fuel pump
Bore×Stroke (mm×mm)	159 x 159
Displacement (Liter)	19
Compression Ratio	13.5:1
Speed Governor	Electronic
Cooling System	Forced Water Cooling Cycle
Total lubrication system Min.capacity (L)	
Fuel Consumption at 100% Load (g/kw h)	203
Starting Method	DC24V electrical starting

3. Specification of alternator

Alternator brand	Stamford
Alternator model	HCI544F-S
Number of Phase	3
Connecting Type	3 Phase and 4 Wires
Number of Bearing	1
Protection Grade	IP23
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!