

Technical Specification

1. Specification of genset

Gensets model	HL24GFS
Prime power	30KVA
Rated Voltage	400/230V
Rated frequency(HZ)	50
Rated Speed	1500rpm
Power Factor(COS ϕ)	0.8(lagging)
Dimensions(mm) (L×W×H)	2200*1130*1360
Net Weight(kg)	1560

2. Specification of diesel engine

Engine brand	Cummins
Engine model	4BT3.9-G2
Number of Cylinders	4
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Aspiration	Turbocharged
Fuel System	BYC A pump
Bore×Stroke (mm×mm)	102x 120
Displacement (Liter)	3,9
Compression Ratio	17.5:1
Speed Governor	Electronic
Cooling System	Forced Water Cooling Cycle
Total lubrication system Min.capacity (L)	10,9
Fuel Consumption at 100% Load (L/h)	9,3
Starting Method	DC12V electrical starting

3. Specification of alternator

Alternator brand	SHANHUA
Alternator model	HLF-24
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!