

Technical Specification

1. Specification of genset

Gensets model	HL300GFS
Prime power	300KVA
Rated Voltage	380V/220V, 50HZ@1500RPM, 0.8PF
Rated frequency(HZ)	50
Rated Speed	1500rpm
Power Factor(COS ϕ)	0.8(lagging)
Noise (7m) dB(A)	70
Dimensions(mm) (L×W×H)	3460×1168×2029
Net Weight(kg)	2980
ATS	Equipped

2. Specification of diesel engine

Engine brand	Perkins
Engine model	2206A-E13TAG2 / 1606A-E93TAG5
Number of Cylinders	6
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Aspiration	Turbocharged
Fuel System	MEUI
Bore×Stroke (mm×mm)	130x157 / 117x146
Displacement (Liter)	12,5 / 9,3
Compression Ratio	16.3 : 1 / 17.2 : 1
Speed Governor	ECM
Cooling System	Forced Water Cooling Cycle
Total lubrication system Min.capacity (L)	32,5 / 30,3
Fuel Consumption at 100% Load (L/h)	71 / 200
Starting Method	DC24V electrical starting

3. Specification of alternator

Alternator brand	STAMFORD
Alternator model	HCI 444D
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!