



48KW

Perkins Diesel Generator Set

Note :

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



**The picture is only for reference*

Section A Gen-set Quotation

6. Criterion

- (1) ISO9001:2008 Quality Control System
- (2) ISO14001:2008 Environment Control System
- (3) Perkins OEM Certificate

Section B. Technical Specification

1. Specification of genset

Gensets model	HL48GFS
Prime power	60KVA
Rated Voltage	380/220V
Rated frequency(HZ)	50
Rated Speed	1500rpm
Power Factor(COS ϕ)	0.8(lagging)
Noise (7m) dB(A)	70
Dimensions(mm) (L×W×H)	2050×700×1350
Net Weight(kg)	910

2. Specification of diesel engine

Engine brand	Perkins
Engine model	1103A-33TG2
Number of Cylinders	3
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Aspiration	Turbocharged
Fuel System	Rotary
Bore×Stroke (mm×mm)	105x 127
Displacement (Liter)	3,3
Compression Ratio	17.25:1
Speed Governor	Electronic
Cooling System	Forced Water Cooling Cycle
Total lubrication system Min.capacity (L)	6,2
Fuel Consumption at 100% Load (L/h)	13,9
Starting Method	DC12V electrical starting

3. Specification of alternator

Alternator brand	STAMFORD
Alternator model	UCI224E
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