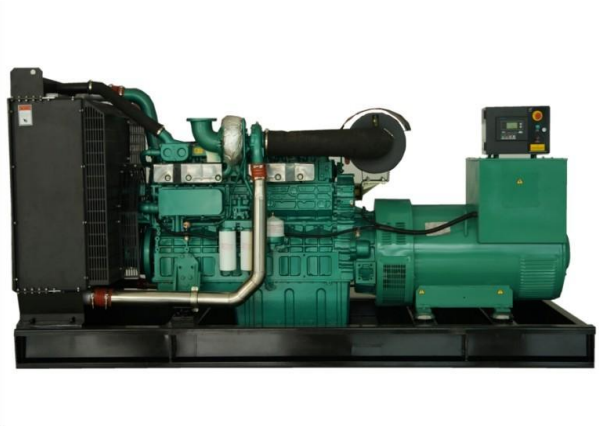


HEBRON VENTURES INC. GENERATOR

HUALI 400KW Yuchai Diesel Generator Set



The picture is only for reference

Section A Gen-set Quotation

1. General quotation

Gen-set Model	Engine Model	Alternator Model	Qty	
HL400GF	YC6T660L-D20	HLF-400	1	

2. Delivery time

Within 20 work days after receiving payment.

3. Payment

T/T (30% of total amount as advance payment , Pay 70% balance before delivering)

4. Validity

15 days since the date of quotation.

6. Criterion

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

Section B. Technical Specification

1. Specification of genset

Gensets model	HL400GF
Prime power	400KW/500KVA
Rated Voltage	380/220V

Rated frequency(HZ)	50
Rated Speed	1500rpm
Power Factor(COS ϕ)	0.8(lagging)
Dimensions(mm) (L×W×H)	5215X2000X2450
Net Weight(kg)	6515

2. Specification of diesel engine

Engine brand	Yuchai
Engine model	YC6T660L-D20
Number of Cylinders	6
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Aspiration	Turbocharged
Bore×Stroke (mm×mm)	145x 165
Displacement (Liter)	13
Compression Ratio	15:01
Speed Governor	Mechanical
Cooling System	Air-cooled
Fuel Consumption at 100% Load (g/Kw.h)	200
Starting Method	DC24V electrical starting

3. Specification of alternator


Alternator brand	SHANHUA (Shandong Huali Electromechanical Co., Ltd)
Alternator model	HLF-400
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%

4. Cnontrol System (with ComAp MRS 10 Controller)

Operating temperature : -20℃~60℃ Relative Humidity : 95%
Operating voltage : DC24V (range : 18-30V, pressure : 50V/5 mm)

General functions and features of ComAp MRS 10 Controller

Control screen is small, reliable performance, simple operation, the internal circuits clear, easy detection. With automatic detection and protection features protect the engine safe and stable operation. Multi-interface display unit work and alarm state, intuitively clear, LCD displays the parameters of diesel engines. Microcomputer can be set on the control panel input, output, alarm, delay and other parameters. Maintenance, manual, automatic and other modes of operation. No non-normal electricity supply automatic starting, generator fault protection off, to provide historical state records. Generator over / under voltage, generator frequency / high frequency generator speed due to speed / over speed, low oil pressure, high temperature, emergency stop, battery over / under voltage, over current / short circuit protection function.

Description For ComApe MRS 10
Standard functions:
Engine Control Generator Monitoring Generator Protection Engine Monitoring Clear Text Display
Shutdown:
Loss of Speed Signal Alternator Under / Over Voltage Alternator Under/ Over Frequency Mains Under / Over Voltage Mains Under/ Over Frequency Under / Over Speed Low Oil Pressure High Engine Temperature Phase Sequence Electrical (Option) Earth Fault (Option)
Warning:
Alternator Under / Over Voltage Alternator Under/ Over Frequency Mains Under / Over Voltage Mains Under/ Over Frequency Under / Over Speed Low Oil Pressure Pre-Alarm High Engine Temperature Pre-Alarm High/Low Battery Voltage Over-current Periodic maintenance
Pls check the following picture (ComAp MRS 10 control panel):

Section C Scope of Supply
Standard scope of supply including:
(1) Brand new Yuchai diesel engine. (2) Brand New Shanhua AC brushless alternator IP21. (3) Radiator: 40℃.Ambient temperature mounted on skid.

(4) Three phase,380/220V, 50HZ@1500RPM, 0.8PF.

(5) Standard Accessories(such as operation manual,certificate of conformity and so on).

Shandong Huali Electromechanical Co.,Ltd

24-12-2014