

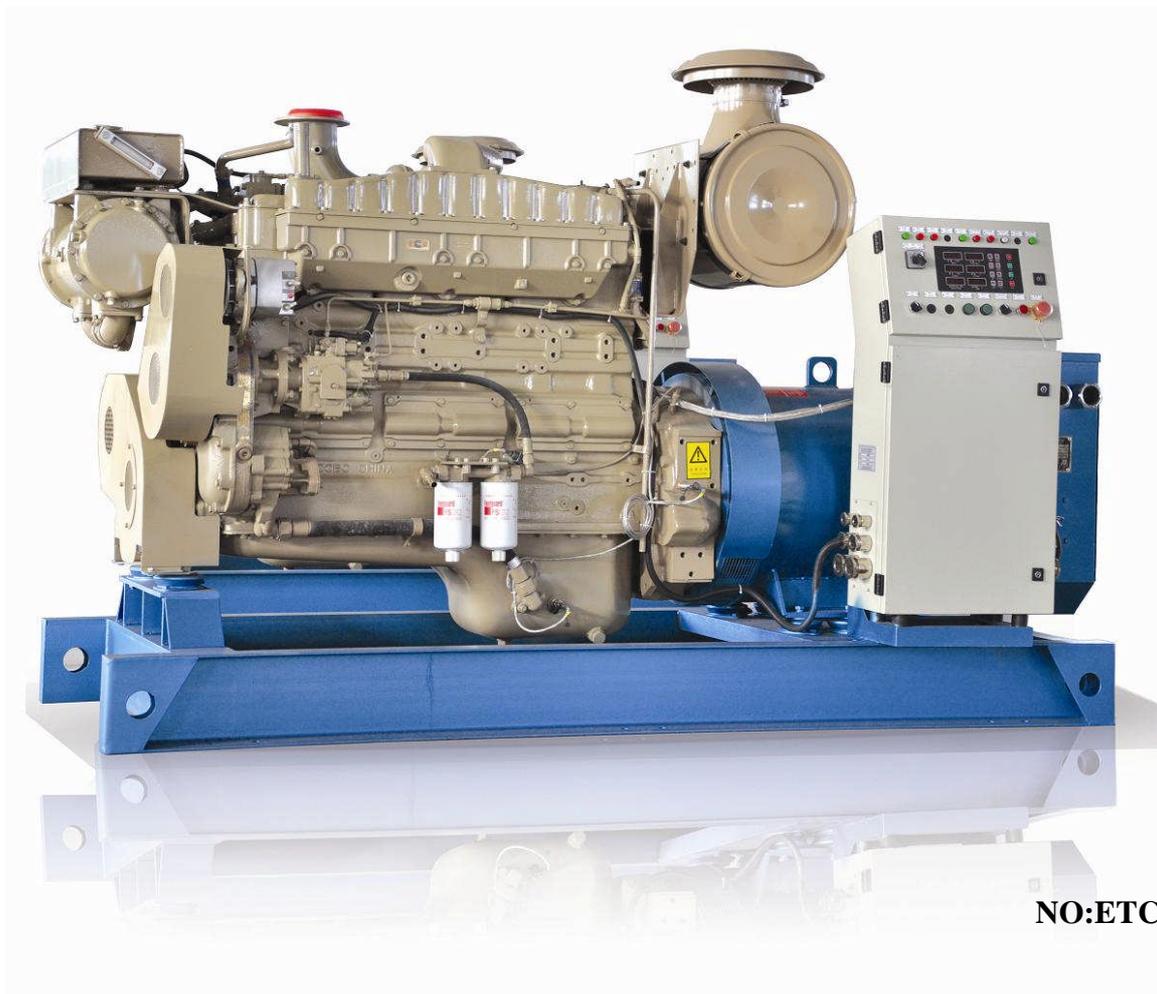


**Etone Power Co.,Ltd.**

<http://www.etonepower.com>

**Model : ETCFJ500**

**Generating set Technical Data Sheet**



**NO:ETCFJ500**

© 2012 copy right at Etone Power Co.,Ltd.

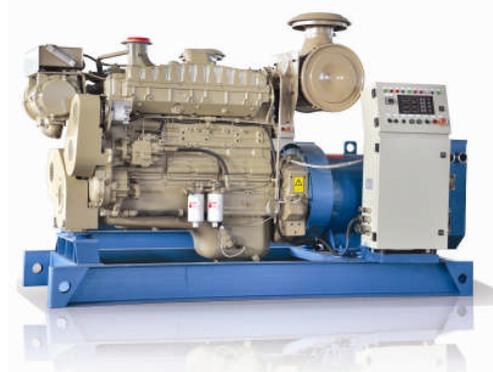
**ISO9001:2008**



## STANDARD SPECIFICATION

### General features:

- Coupled with Cummins diesel engine and Marathon alternator
- 24V DC start motor
- Brushless, Self-excited, IP23, insulation class H alternator



### Genset Main Technical Data

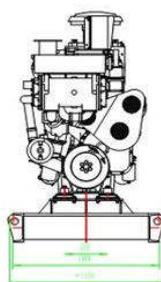
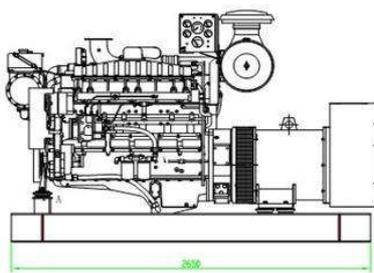
3-PH, 50Hz@1500RPM, 400/230V (Also Can Be Made According To Customers' Special Requirements)

Voltage	HZ	Phase	PF ( $\cos \phi$ )	Output (KW)
400/230V	50	3	0.8	500

## Criterion

- GB/T13032-1991
- ISO9001:2008 Quality Control System
- CCS approved

## Dimension and Weight



### Open Type

Overall size (L\*W\*H)

4100x1650x2200

Weight:6200kg

## ENGINE SPECIFICATION

### Cummins Diesel Engine

#### Technical Data

Engine Model	KT38-DM
Number of Cylinders	12 cylinders in V
Cycle	4 stroke
Aspiration	Turbocharged

BorexStroke	159 x159 mm
Displacement	37.5L
Compression ratio	15.5:1
Prime Power/Speed	560KW/1500rpm
Speed Governor	electrical
Cooling System	By heat exchanger
Fuel Consumption at 100% Load	214 g/kw.h
Starter Motor	DC24V,

## Alternator SPECIFICATION

### Marathon Alternator (Standard)

#### Technical Data

Alternator Model	MX-H-500-4
Prime power	500KW
Frequency/speed	50HZ/1500rpm
Exciter type	Brushless, Self-excited
Power factor	0.8
Insulation Grade	H
Protection Grade	IP23
Phase / wire	3 phase 4 wires

## Control System

Model	KCM II G
<ul style="list-style-type: none"> <li>* engine start/stop</li> <li>* engine coolant temperature</li> <li>* oil pressure and temperature</li> <li>* tachometer</li> <li>* coolant temperature alarm</li> <li>* oil pressure alarm</li> <li>* battery charging indicator</li> <li>* generator to be protection from overload and overheat</li> </ul>	 <p>The image shows the KCM-II G ENGINE METER control panel. It features a digital display showing '1500' and '0001'. The panel includes various gauges, indicators, and control buttons for engine monitoring and protection.</p>

## Supply documents

<b>a. Alternator</b> operation and maintenance manual CCS certificate	1PC 1PC
<b>b. Engine</b> operation and maintenance manual CCS certificate EIAPP certificate	1PC 1PC 1PC
<b>c. Generator</b> CCS certificate Overall drawings of the set ELECTRINIC SYSTEM DRAWING Bench test Packing list	1PC 1PC 1PC 1PC 1PC
<b>d. Control panel</b> CCS certificate operation and maintenance manual	1PC 1PC

## Picture of packing



**Etone Power Co.,Ltd.**