

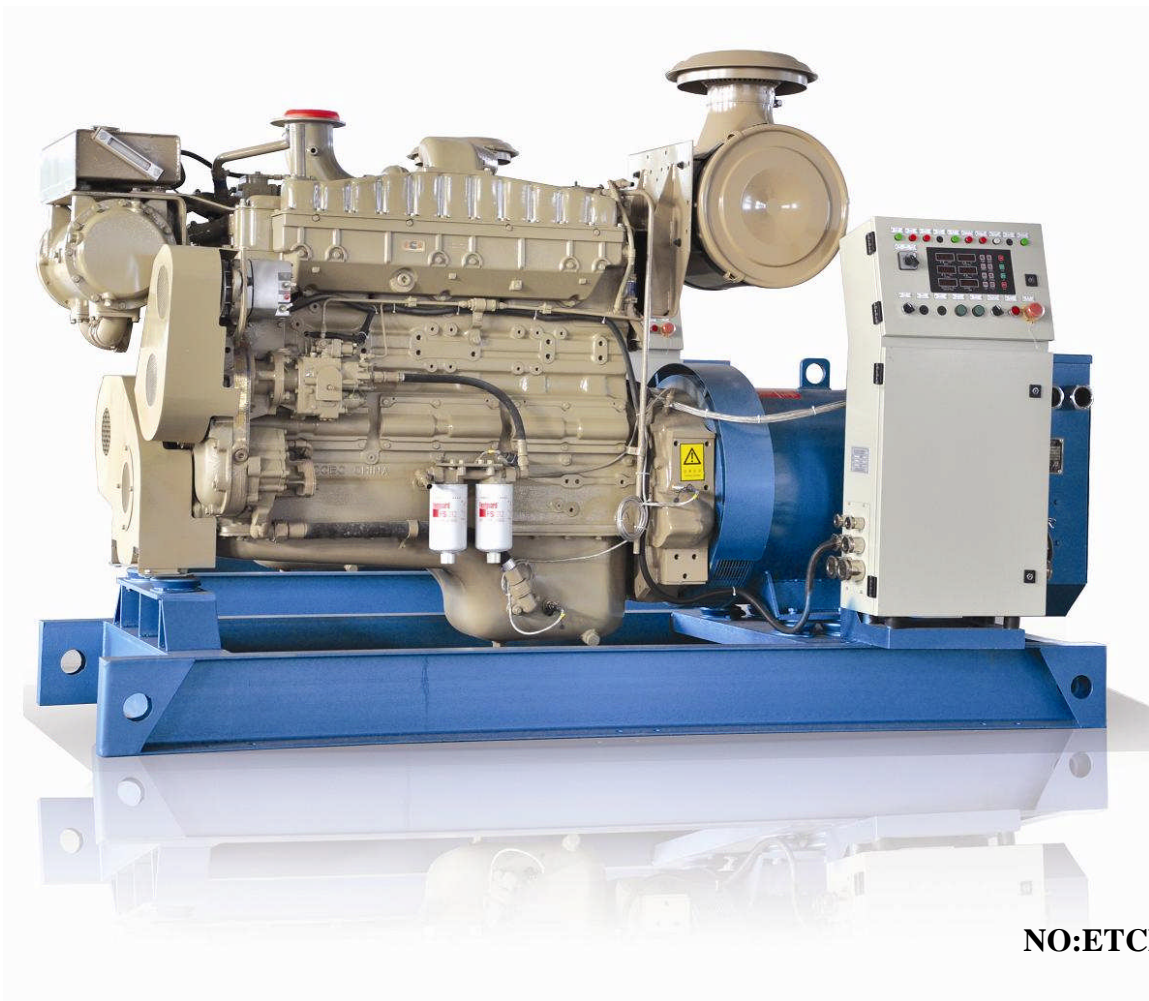


**Etone Power Co.,Ltd.**

<http://www.etonpower.com>

**Model : ETCFJ300**

**Generating set Technical Data Sheet**



**NO:ETCFJ300**

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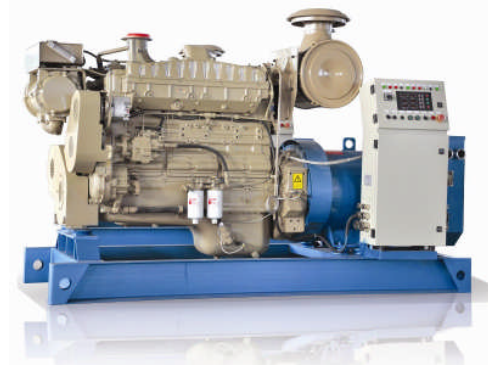
**ISO9001:2008**



## 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

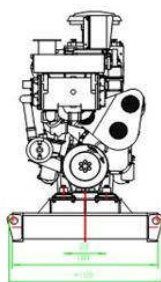
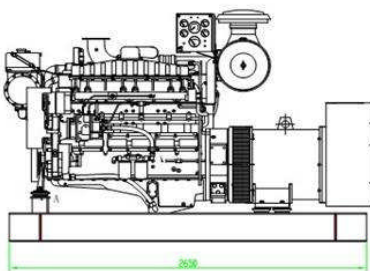
3-PH, 50Hz@1500RPM, 400/230V (Also Can Be Made According To Customers' Special Requirements)

Voltage	HZ	Phase	PF ( $\text{COS } \phi$ )	Output (KW)
400/230V	50	3	0.8	300

## Criterion

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

## Dimension and Weight



### Open Type

Overall size (L\*W\*H)

3100x950x2080

**Weight:3750kg**

## ENGINE SPECIFICATION

### Cummins Diesel Engine

#### Technical Data

Engine Model	KTA19-DM
Number of Cylinders	6 cylinders in line
Cycle	4 stroke

Aspiration	Turbocharged and aftercooled
BorexStroke	159 x159 mm
Displacement	18.9 L
Compression ratio	14.5:1
Prime Power/Speed	336KW/1500rpm
Speed Governor	electrical
Cooling System	By heat exchanger
Fuel Consumption at 100% Load	209 g/kw.h
Starter Motor	DC24V,


## Alternator SPECIFICATION

### Marathon Alternator (Standard)

#### Technical Data

Alternator Model	MP-H-300-4
Prime power	300KW
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 '000.1'. The panel includes various indicators and buttons for engine monitoring and control, such as 'START', 'STOP', 'OVERHEAT', 'OIL PRESSURE', and 'COOLANT TEMP'. The panel is labeled 'KCM-II G ENGINE METER' and '4813985 CDEC 10 62117'.</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



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