



Etone Power Co.,Ltd.

<http://www.etonepower.com>

Model : ETCFJ180

Generating set Technical Data Sheet



NO:ETCFJ180

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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

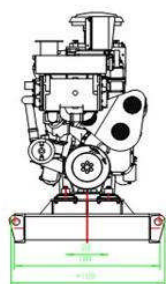
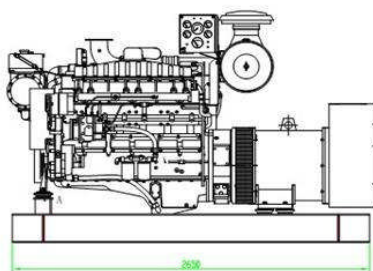
3-PH, 50Hz@1500RPM, 400/230V (Also Can Be Made According To Customers' Special Requirements)

Voltage	HZ	Phase	PF ($\text{COS } \phi$)	Output (KW)
400/230V	50	3	0.8	180

Criterion

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

Dimension and Weight



Open Type

Overall size (L*W*H)

2550x980x2250

Weight:2900kg

ENGINE SPECIFICATION

Cummins Diesel Engine

Technical Data

Engine Model	NT855-DM
Number of Cylinders	6 cylinders in line
Cycle	4 stroke

Aspiration	Turbocharged
BorexStroke	140x 152 mm
Displacement	14.0 L
Compression ratio	15.0:1
Prime Power/Speed	205KW /1500 rpm
Speed Governor	electrical
Cooling System	By heat exchanger
Fuel Consumption at 100% Load	203 g/kw.h
Starter Motor	DC24V,

Alternator SPECIFICATION

Marathon Alternator (Standard)

Technical Data

Alternator Model	MP-H-180-4
Prime power	180KW
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"> * engine start/stop * engine coolant temperature * oil pressure and temperature * tachometer * coolant temperature alarm * oil pressure alarm * battery charging indicator * generator to be protection from overload and overheat 	 <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 indicator lights and buttons for engine monitoring and control. The text 'KCM-II G ENGINE METER' is visible at the top of the panel.</p>

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

Picture of packing



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