



Specification

Item: 23.36MW HFO Engine generator power plant

Brand new (Not used)

Engine

Number: 3 sets

Maker: STX-Niigata

Model: 16V34HLX

Year: 2021(Renewed from 2013)

Number of cylinders: 16cylinder

Cylinder arrangement: V-form

Cylinder bore: 340mm

Piston stroke: 500mm

Engine output: 7,789kWe

Overload capacity: 110%(Only for shop test)

Speed: 600rpm

Frequency: 50hz

Fuel: HFO(389 cst/50°C)

Voltage: 11,000V

Generator

Maker: Hyundai

Rating: 9,737kVA

Output: 7,790kWe

Voltage: 11kV



Current: 511A

Frequency: 50Hz

Speed: 600min-1

Connection: 3 phase 4 wire

Auxiliaries

Lube oil system

FO(HFO) supply system

Cooling water system

Starting air unit

Intake & Exhaust gas system

Water treatment unit

Drain system

Oily water separator system

Electrical system

MV switchgear

LV switchgear

Control system

Black start D/G unit

Spare parts & Tools