

Diesel Generator Set-Basic Parameters

Model: HNSC300DC

Rated power: 375(KVA)

Standby power: 416(KVA)

Output current: 541 (A)

Weight: 2700 (KG)

Open type size: 3120*900*1800(mm)

Output voltage: 400/230 (V)

Diesel Engine-Basic Parameters

Model: SC15G480.15CF1

Rated power: 432(KVA)

Standby power: 476(KVA)

Emission standard: T2

Ship inspection: CCS/IMOⅡ

Manufacturer: SDEC

Bore: 135 (mm)

Stroke: 165 (mm)

Speed control mode: electronic speed control

Displacement: 14.2 (L)

Number of cylinders: 6

Fuel consumption rate: 195g/kW.h

Oil consumption rate: 0.5g/kW.h

Type: 4-stroke, water-cooled, in-line, wet cylinder liner

Fuel system: electronic control/monobloc pumps

Speed: 1500 (RPM)

Firing order: 1-5-3-6-2-4

Flywheel housing: SAE1

Flywheel: 14

Fuel specification and grade: China 0# (light diesel oil)

Noise: ≤108dB(A)

Crankshaft rotation direction: counterclockwise

Starting method: electric start

Diesel engine overhaul period: 15000h

Motors - Basic Parameters

Model: TFXW312D4M00-H

Rated power: 375 (KVA)

Brand: LANZHOU DIANJI (standard)

Motor type: brushless three-phase AC synchronous generator

Voltage Regulation: AVR (Automatic Voltage Regulation)

Temperature rise: H°C

Overcurrent: 3 ~ 5Ie≥5S

Overload capacity: 3 ~ 5Ie≥5S

Short-circuit current: 3 times 2 seconds

Short-circuit capability: 3 times 2 seconds

Power factor: 0.8

Insulation/protection grade: H class/IP23

Wiring: three-phase four-wire, Y-type connection

Rated voltage: 400/230(V)

Winding material: pure copper

Cooling method: self-cooling

Excitation method: self-excitation

Telephone interference factor: THF<2, TIF<50

Attachment

Connecting chassis material: bending steel plate

Chassis strength: passed 500KG torsion test

Unit steel common base (including: unit composite vibration damping rubber mat)

Vibration damping pads: bowl type or square type rubber vibration damping pads