



Technical Data

Electrical Properties

- Input power - Ac (Pn): 1000KVA 40°C / 5000KVA 40°C.
- Maximum number of inverters: 18.
- Input voltage - Ac (Vn): 800V.
- Maximum input current - In: 1000A, 2000A/2000A.
- Low voltage board (Bt): ACB (1000A/800V/3P/1Pcs) / (2000A/800V/3P/2Pcs).
- Auxiliary Services Board: 5KVA, Dyn11 - 800V/208VAC.
- Transformer Output Voltage: 13.2KV - 36KV.
- Transformer Frequency: 50/60Hz.
- Transformer Type: Oil Immersed / Oil Type.
- Medium Voltage Switchgear Type: SF6 gas insulated.
- MV switchgear short-circuit current (IK): 20kA - 1sec.
- Internal arc rating (IAC) MV switchgear: A(FLR) - 16kA - 1sec.

Mechanical Properties

- Prefabricated monobloc enclosure in polyisocyanurate PIR SAFE CL 1. fire retardant.
- Impact resistance: IK 10.
- Protection against liquid and solid particles IP 54.
- Coating in C4 electrostatic paint, corrosion resistant, tested with 400 hours of salt chambers.
- Paint colors: RAL 7035 (Standard), RAL 7032, ANSI 61, RAL 9002 and others (as required).
- Passive protection against internal arc.
- Air to air heat exchanger cooling.
- Approximate weight 10 - 18 tons.
- External dimensions, 2896x2438x6058mm, (20ft HC container).

Applied Standards

- IEC 62271-200
- IEC 61641-1
- IEC 61439-1 y 2
- EN 50588

Routine Testing

- Dielectric properties.
- Isolation and creepage distance.
- Checking the mechanical operation of parts.
- Protective measures against direct contact.

Certifications



Certificado No. 03500
Certificado No. 03503
Certificado No. 03504

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
BUREAU VERITAS
Certification



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