

# SG/OSG系列

单 / 三相干式变压器、特种变压器



SG/OSG series single/Three-phase dry-type transformer、special transformer

## 概述

General

DG、SG系列单、三相干式变压器，是我公司多年来采用优质材料和先进的工艺技术而生产，具有防潮、维护方便等优点，能深入负荷中心，可用于地铁、高层建筑、机场、车站、码头、企业及隧道等输配电场所。DG、SG系列单、三相干式变压器，主要用于交流50/60Hz，电压不超过500V的各种供电场所、产品的各种输入、输出电压、联接组别、抽头线组容量的分配，均可根据用户要求进行精心设计与制造。

DG and SG series single-phase and three-phase dry type transformer adopts high quality material and advanced technology, it has advantages of damp-proof and convenient maintenance, it can be applied to such power transmission and distribution places like underground railway, high building, airport, station, wharf, enterprise, tunnel, etc. It is mainly used in power supply occasions of AC 50-60HZ and voltage less than 500V. All the input and output voltage, connection group and capacity of tapped winding can be designed and produced according to users' requirements.

## 使用环境

Working condition

- 1、环境温度：-15°C+40°C
  - 2、海拔高度：<1000m
  - 3、相对湿度：<90%
  - 4、安装场所无严重影响变压器绝缘的气体、化学沉积、灰尘、污垢及其它爆炸和腐蚀性介质。
  - 5、凡不符合上述规定的特殊使用条件，应由使用单位和我厂协商确定。
1. Ambient temperature: -15°C + 40°C
  2. Altitude: < 1000m
  3. Relative humidity: < 90%
  4. Environment exists with out gas, steam, chemical deposition, dust or dirt that will affect transformer's insulation seriously, also explosive or corrosive medium is not allowed.
  5. If any special working conditions that are not in line with the above stipulations, user shall negotiate with us.

## 技术指标

Technical index

- 1、输入电压：额定电压±10%
  - 2、输出电压：额定电压+3%（空载）
  - 3、效率：≥95%
  - 4、波形失真：无附加波形失真
  - 5、可长期连续长期无人值守工作
  - 6、绝缘电阻：≥50MΩ
  - 7、电气强度：工频正弦电压2000V历时一分钟无击穿及闪络现象
  - 8、过载能力：二倍的额定电流，维持一分钟。
1. Input voltage: rated voltage ± 10%
  2. Output voltage: rated voltage + 3% (no load)
  3. Efficiency: ≥ 95%
  4. Waveform distortion: no additional waveform distortion
  5. Can operate itself without anybody attending for a long term
  6. Insulation resistance: ≥ 50MΩ
  7. Electric strength: no breakdown or flashover phenomenon under power frequency sine voltage of 2000V for 1min
  8. Overload capability: for 1min under two times of rated current