

# 新型252kV GIS

## New Generation 252kV Gas Insulated Switchgear (GIS)

### 各种安装地点

- 户内 / 户外 (-50°C-+55 °C, ASTA试验报告)
- 海拔4000米
- 9级地震 (型式试验报告)

### 各种开断工况

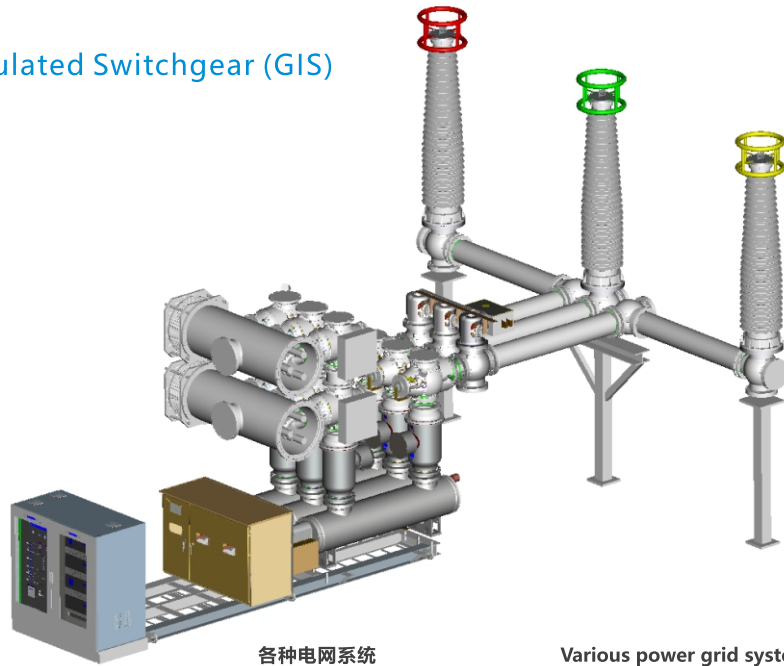
- LC2/CC2 (KEMA报告)

### Various installation place

- Indoor / Outdoor (-50°C-+55 °C, ASTA test report)
- Altitude 4000m
- Earthquake magnitude 9

### Various breaking conditions

- LC2/CC2 (KEMA test report)



### 各种电网系统

- 50/60Hz (KEMA报告)

### 各种接线方式

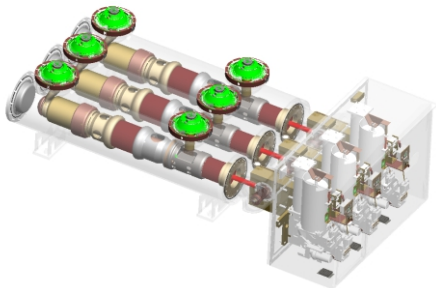
- 单双母
- 环形接线, 1½接线
- HGIS

### Various power grid systems

- 50/60Hz (KEMA test report)

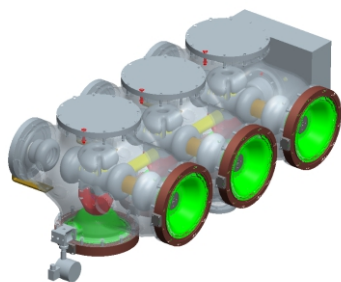
### Various wiring modes

- Single/double busbar
- Ring connection, 1½ connection
- HGIS



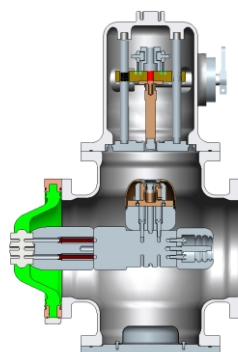
三级断路器

- 断路器一次性通过KEMA 50/60Hz全套试验。
- Circuit breakers passed 50/60Hz full set tests in KEMA Laboratory.



三工位

- 三工位开关创新设计, 设置粒子陷阱; 传动链全封闭设计; 隔离、接地断口可观察。
- Fully enclosed design of drive chain for 3-position switch, disconnecting and earthing position can be observed.



快接地

- 故障关合接地开关滑动导向杆设计, 提高触头对中性, 电连接为软连接结构。
- 高载流, 低局放, 额定电流4000A, 通流能力1.1\*4000A; 在80%工频耐压下, 整间隔局放小于3pC, 绝缘件局放小于2pC。
- 高参数, 低泄露, 三工位开关母转电流2400A, 故障关合接地开关开合感应电流能力超B类设计, 年漏气率低于0.1%。
- Design of sliding guide rod for fault earthing switch to improve contact neutrality, electrical connection is soft connection structure.
- Low partial discharge,  $\leq 2$  pC for insulators,  $\leq 3$  pC for whole bay.
- The bus transfer current of 3-position switch is 2400A, the Induction current breaking capability of the fault earthing switch is great than B class.