

110kV 66kV 电力变压器

110kV 66kV Power Transformer



介绍 General >>

110kV和66kV级电力变压器是在吸收国内外先进技术的基础之上，对变压器铁芯、线圈、器身、引线、油箱等部件进行全方位的优化设计及验证，开发出的低局放、低损耗、低噪音、重量轻、高可靠性的产品。其卓越的性能赢得了广大用户和有关专家的高度评价。本产品具有稳定、经济、环保等特点，适用于发电厂、变电站、大型工矿石化企业等。

110kV and 66kV power transformers are designed and optimized by absorbing and utilizing advanced technologies at home and abroad to optimize the transformer core, coil, body, leads, fuel tank and other components, which features low partial discharge, low loss, low noise, light weight and high reliability. Its excellent performance has won high praise from users and relevant experts. This product has the characteristics of stability, economy and environmental protection, and is suitable for power plants, substations, large industrial and mineralization enterprises, etc.

技术参数 Technical Data Sheet >>

110kV级三相双绕组有载调压电力变压器技术参数

Technical Data for 110KV Class Three Phase Two Winding OLTC Power Transformer

| 额定容量 (KVA) Rated Power | 高压 (KV) High Voltage | 低压 (KV) Low Voltage | 联结组别 Connection Symbol | 短路阻抗(%) Short Circuit Impedence | 损耗(W) Loss | | 空载电流 (%) No load Current |
|---------------------------------|-------------------------------|------------------------------|------------------------------|--|-------------------------|-------------------------|-----------------------------------|
| | | | | | 空载损耗(W) No-load Loss | 有载损耗(W) On-load Loss | |
| 6300 | 110 121 | 6.3 6.6 10.5 11 | YNd11 | 10.5 | 10000 | 36000 | 0.8 |
| 8000 | | | | | 12000 | 45000 | 0.8 |
| 10000 | | | | | 14200 | 53000 | 0.74 |
| 12500 | | | | | 16800 | 63000 | 0.74 |
| 16000 | | | | | 20200 | 77000 | 0.69 |
| 20000 | | | | | 24000 | 93000 | 0.69 |
| 25000 | | | | | 28400 | 110000 | 0.64 |
| 31500 | | | | | 33800 | 133000 | 0.64 |
| 40000 | | | | | 40400 | 156000 | 0.58 |
| 50000 | | | | | 47800 | 194000 | 0.58 |
| 63000 | | | | | 56800 | 234000 | 0.52 |

注：以上数据仅以我司标准设计为准，特殊要求可定制。

Note: The above data is only subject to our standard design, special requirement can be customized.

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Technical Data for 110KV Class Three Phase Two Winding NLTC Power Transformer

| 额定容量 (KVA) Rated Power | 高压 (KV) High Voltage | 低压 (KV) Low Voltage | 联结组别 Connection Symbol | 短路阻抗(%) Short Circuit Impedence | 损耗(W) Loss | | 空载电流 (%) No load Current |
|---------------------------------|-------------------------------|------------------------------|------------------------------|--|-------------------------|-------------------------|-----------------------------------|
| | | | | | 空载损耗(W) No-load Loss | 有载损耗(W) On-load Loss | |
| 6300 | 110 121 | 6.3 6.6 10.5 11 | YNd11 | 10.5 | 7500 | 34900 | 0.69 |
| 8000 | | | | | 9000 | 42500 | 0.69 |
| 10000 | | | | | 10500 | 50200 | 0.64 |
| 12500 | | | | | 12400 | 59500 | 0.64 |
| 16000 | | | | | 15000 | 73100 | 0.59 |
| 20000 | | | | | 17800 | 88400 | 0.59 |
| 25000 | | | | | 21000 | 105000 | 0.54 |
| 31500 | | | | | 25000 | 126000 | 0.54 |
| 40000 | | | | | 29900 | 148000 | 0.56 |
| 50000 | | | | | 35300 | 178500 | 0.52 |
| 63000 | | | | | 41900 | 221000 | 0.48 |

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Technical Data for 110KV Class Three Phase Three Winding OLTC Power Transformer

| 额定容量 (KVA) Rated Power | 高压 (KV) High Voltage | 中压 (KV) Middle Voltage | 低压 (KV) Low Voltage | 联结组别 Connection Symbol | 短路阻抗(%) Short Circuit Impedence 降压 Step-down | 损耗(W) Loss | | 空载电流 (%) No load Current |
|---------------------------------|-------------------------------|---------------------------------|------------------------------|------------------------------|---|-------------------------|-------------------------|-----------------------------------|
| | | | | | | 空载损耗(W) No-load Loss | 有载损耗(W) On-load Loss | |
| 6300 | 110 121 | 35 37 38.5 | 6.3 6.6 10.5 11 | YNyn0d11 | H.V.-M.V. 10.5 H.V.-L.V. 17.5-18.5 M.V.-L.V. 6.5 | 12000 | 47000 | 0.95 |
| 8000 | | | | | | 14400 | 56000 | 0.95 |
| 10000 | | | | | | 17100 | 66000 | 0.89 |
| 12500 | | | | | | 20200 | 78000 | 0.89 |
| 16000 | | | | | | 24200 | 95000 | 0.84 |
| 20000 | | | | | | 28600 | 112000 | 0.84 |
| 25000 | | | | | | 33800 | 133000 | 0.78 |
| 31500 | | | | | | 40200 | 157000 | 0.78 |
| 40000 | | | | | | 48200 | 189000 | 0.73 |
| 50000 | | | | | | 56900 | 225000 | 0.73 |
| 63000 | | | | | | 67700 | 270000 | 0.67 |

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Technical Data for 110KV Class Three Phase Three Winding NLTC Power Transformer

| 额定容量 (KVA) Rated Power | 高压 (KV) High Voltage | 中压 (KV) Middle Voltage | 低压 (KV) Low Voltage | 联结组别 Connection Symbol | 短路阻抗(%) Short Circuit Impedence | | 损耗(W) Loss | | 空载电流 (%) No load Current |
|---------------------------------|-------------------------------|---------------------------------|------------------------------|------------------------------|---|---|-------------------------|-------------------------|-----------------------------------|
| | | | | | 升压 Step-up | 高压 Step-down | 空载损耗(W) No-load Loss | 有载损耗(W) On-load Loss | |
| 6300 | 110 121 | 35 37 38.5 | 6.3 6.6 10.5 11 | YNyn0d11 | H.V.-M.V. 17-18 H.V.-L.V. 10.5 M.V.-L.V. 6.5 | H.V.-M.V. 10.5 H.V.-L.V. 17-18 M.V.-L.V. 6.5 | 9000 | 45100 | 0.7 |
| 8000 | | | | | | | 10800 | 53600 | 0.67 |
| 10000 | | | | | | | 12800 | 62900 | 0.63 |
| 12500 | | | | | | | 15000 | 74000 | 0.6 |
| 16000 | | | | | | | 20500 | 90100 | 0.56 |
| 20000 | | | | | | | 21400 | 106300 | 0.53 |
| 25000 | | | | | | | 25300 | 125800 | 0.49 |
| 31500 | | | | | | | 30000 | 148800 | 0.46 |
| 40000 | | | | | | | 35900 | 178500 | 0.39 |
| 50000 | | | | | | | 42400 | 212500 | 0.35 |
| 63000 | | | | | | | 50300 | 255000 | 0.35 |

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66kV级三相双绕组有载调压电力变压器技术参数

Technical Data for 66KV Class Three Phase Two Winding OLTC Power Transformer

| 额定容量 (KVA) Rated Power | 高压 (KV) High Voltage | 低压 (KV) Low Voltage | 联结组别 Connection Symbol | 短路阻抗(%) Short Circuit Impedence | 损耗(W) Loss | | 空载电流 (%) No load Current |
|---------------------------------|-------------------------------|------------------------------|------------------------------|--|-------------------------|-------------------------|-----------------------------------|
| | | | | | 空载损耗(W) No-load Loss | 有载损耗(W) On-load Loss | |
| 6300 | 63 66 69 | 6.3 6.6 10.5 11 | YNd11 | 9 | 8250 | 34000 | 0.63 |
| 8000 | | | | | 9830 | 40400 | 0.63 |
| 10000 | | | | | 11600 | 47600 | 0.75 |
| 12500 | | | | | 13600 | 56500 | 0.53 |
| 16000 | | | | | 16300 | 69500 | 0.49 |
| 20000 | | | | | 19200 | 84200 | 0.49 |
| 25000 | | | | | 22600 | 99500 | 0.42 |
| 31500 | | | | | 26800 | 120000 | 0.42 |
| 40000 | | | | | 31900 | 140300 | 0.39 |
| 50000 | | | | | 38600 | 174300 | 0.39 |
| 63000 | | | | | 44400 | 210000 | 0.39 |

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| 额定容量 (KVA) Rated Power | 高压 (KV) High Voltage | 低压 (KV) Low Voltage | 联结组别 Connection Symbol | 短路阻抗(%) Short Circuit Impedence | 损耗(W) Loss | | 空载电流 (%) No load Current |
|---------------------------------|-------------------------------|------------------------------|------------------------------|--|-------------------------|-------------------------|-----------------------------------|
| | | | | | 空载损耗(W) No-load Loss | 有载损耗(W) On-load Loss | |
| 6300 | 63 66 69 | 6.3 6.6 10.5 11 | YNd11 | 9 | 7500 | 34000 | 0.63 |
| 8000 | | | | | 9000 | 40400 | 0.63 |
| 10000 | | | | | 12100 | 47600 | 0.75 |
| 12500 | | | | | 12600 | 56500 | 0.53 |
| 16000 | | | | | 15100 | 69500 | 0.49 |
| 20000 | | | | | 17900 | 84200 | 0.49 |
| 25000 | | | | | 21100 | 99500 | 0.42 |
| 31500 | | | | | 25100 | 120000 | 0.42 |
| 40000 | | | | | 30000 | 140300 | 0.39 |
| 50000 | | | | | 35400 | 174300 | 0.39 |
| 63000 | | | | | 42100 | 210000 | 0.39 |

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