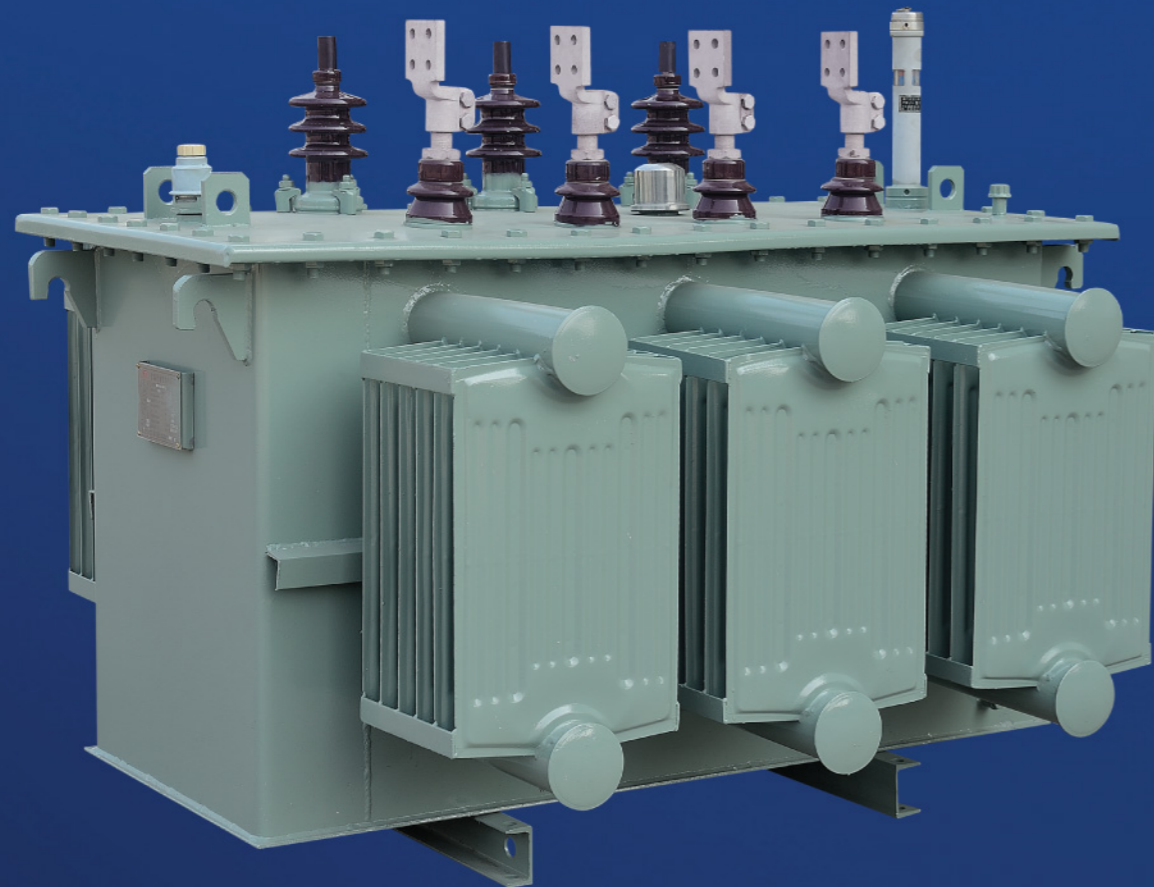


## 非晶合金变压器

非晶合金变压器是以非晶态金属为铁芯材料的一种新型变压器。非晶合金铁芯具有较高的饱和磁感应强度、低矫顽力、超低损耗、低励磁电流和良好的温度稳定性。非晶合金变压器与硅钢S9系列变压器相比空载损耗下降70-80%，空载电流下降50%，节能效果十分明显，是一种绿色环保性的高效节能变压器。

Amorphous Alloy Transformers are a new type of transformers with amorphous alloy as its core. The amorphous alloy is with relatively high magnet induction intensity, low coercive force, low loss, low magnetizing current and stability with temperature changes. Compared to S9 series transformers, its no-load loss decreases by 78-80%, and no-load current by 50%. It is highly energy-saving. Amorphous alloy transformer is green, environmentally friendly, energy saving, and highly efficient.



- 铁芯采用三相四框五柱式结构;
- 采用Dyn11连接组别, 有利于减少电网谐波影响, 改善供电质量;
- 变压器油箱采用密封式结构, 运行可靠, 免维修;
- 空载损耗仅为S9型变压器之20%左右, 空载电流约为S9型变压器之50%。
- The core is with three phases, four frames and five columns.
- By using Dyn11 as vector group, it is good for reducing the harmonic wave of the grid and improve the power supply.
- Tank is sealed, the operation is stable, and free from maintenance.
- Its no-load loss is only 20% of that of S9 type transformers, and no-load current just 50% compared to S9 type transformers.

### SBH15-30-1600/10系列三相非晶合金变压器

SBH15-30-1600/10 Series Three-phase Amorphous Alloy Transformers

额定容量 Rated capacity (kVA)	电压组合 Voltage ratio (kV)		联结组 Connection Symbol	损耗(W) Loss		空载电流 No-load current (%)	短路阻抗 Impedance (%)	重量(kg) Weight		外型尺寸(mm) Outline Dimension			轨距 Gauge  mm
	高压 HV	低压 LV		空载 No-load loss	负载 Full-load loss			油重 Oil weight	总重 Total weight	长 L	宽 W	高 H	
30	6 6.3 10 ±2 ×2.5% 或 ±5%	0.4	Dyn11	33	630	1.5	4	90	340	870	600	850	550×550
50				43	910	1.2		110	460	920	600	900	550×550
63				50	1090	1.1		115	510	800	620	900	550×550
80				60	1310	1		130	580	970	620	950	550×550
100				75	1580	0.9		140	625	980	620	1030	550×550
125				85	1890	0.8		160	720	1010	690	1080	550×550
160				100	2310	0.6		195	845	1140	780	1030	550×550
200				120	2730	0.6		220	996	1100	980	1030	660×660
250				140	3200	0.6		239	1140	1080	1070	1050	660×660
315				170	3830	0.5		255	1270	1250	980	1130	660×660
400				200	4520	0.5	270	1530	1320	980	1080	660×660	
500				240	5410	0.5	332	1810	1470	1170	1140	660×660	
630				320	6200	0.3	406	2200	1490	1170	1250	820×820	
800				380	7500	0.3	470	2550	1580	1250	1340	820×820	
1000				450	10300	0.3	510	2830	1550	1480	1460	1070×1070	
1250				530	12000	0.2	630	3200	1680	1510	1480	1070×1070	
1600	630	14500	0.2	750	4030	1750	1550	1540	1070×1070				