

THREE PHASE AUTOTRANSFORMER

10KVA-1000KVA

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CONSNANT



■ APPLICATION



CNC Machine Tool



Steel Plant



Mine Auxiliary
Power Distribution



Factory Workshop



■ Technical Parameters

Three Phase Autotransformer	
Model	1KVA to 1000KVA
Capacity	10KVA/8KW~1000KVA/800KW
Input/Output	
Phase	3Phase+Neutral+Ground/3Phase+Ground
Voltage Range	200V/220V/380V/400V/415V/440V480V (line-line) or customized
Frequency Range	50Hz/60Hz
Power Factor	>80%/0.85
Input	
Waveform Distortion	No distortion (the same with input waveform)
THDi	THDi<3%@100% linear load
Output	
Voltage Regulation	±1%
Efficiency	>98% on full load
THDu	THDu<1% (linear load)
Overload Capability	300% for 10 seconds, 150% for 120 seconds
Insulation Resistance	>100MΩ/DC500V
Short Circuit Impedance	4%
System	
Material	Transformer coil adopts 200 degree high temperature wire, silicon steel sheet using Baosteel -B50A470 materia
Connection Mode	Yn11
Insulation Class	H class (200 degree C)
Insulated Strength	>2500V/Min
IP Class	IP21(or IP54, IP65 customized for outdoor)
Working Temperature	Below20℃~50℃
Relative Humidity	0-95% (non-condensing)
Cooling Method	Natural cooling/ Fan system cooling
Display Type	LED display or digital display (option)
Dispaly Show	Input voltage, output voltage, working indicator light
Noise	
59db@100% load	50db@100% load, (1 meter away)
40db@70% load	45db@70% load, (1 meter away)

