



TSTY Electric Co., Ltd.

Scale and Patents:

- **Construction area:** 2500000 m²、 **Employees:**600+、 **Invention patents:**158

Product:

- **Power products:** High and Low Voltage Power Products

Certification:

- ISO9001. IEC. SGS. intertek. CCC. CE. BV. GOST etc.

Marketing and Sales:

- **Export Country:** 80+ countries. Such as Indonesia, Chile, Netherlands, Hungary, England, Philippines, Pakistan, Bangladesh, South Africa, Zambia, Tanzania, Saudi Arabia, UAE, Mexico and other countries.
Annual Overseas Sales: more than 220 million US dollars.



Technical Details (63kVA-10kV/0.4kV) 6 pcs.

Item	Description
Manufacturer	TSTY
Type	Oil-immersed transformer
Rated Capacity	63KVA
Primary voltage	10KV
Secondary voltage	0.4KV
Impedance	4.5 ± 10%
Load loss	1150W ± 10%
No load Loss	200W ± 10%
Rated Frequency	50 Hz
Phases	Three-phase
Vector Group	Y/Y0-12
Winding material	Aluminum
Magnetic core assembly method	stepped overlap assembly (45°)
The difference between ohmic resistances is no more than	2,0%
Shape and type of coils	Low-voltage (0.4 kV) windings: Typically helical or foil type. High-voltage (10 kV and above) windings: Typically continuous disc type.
Transformer geometry	Core-type
0.4 kV studs must be provided with terminal clamps	Yes
10 kV studs must be provided with brass washers and nuts	Yes
The transformer must be equipped with an oil level indicator.	Yes
Certificates confirming the absence of PCB concentrations in oil	Provide
Testing laboratory certificates	Provide
Enterprise certificates	Provide

Technical Details (100kVA-10kV/0.4kV) 16 pcs.

Item	Description
Manufacturer	TSTY
Type	Oil-immersed transformer
Rated Capacity	100KVA
Primary voltage	10KV
Secondary voltage	0.4KV
Impedance	$4.5 \pm 10\%$
Load loss	$1780W \pm 10\%$
No load Loss	$250W \pm 10\%$
Rated Frequency	50 Hz
Phases	Three-phase
Vector Group	Y/Y0-12
Winding material	Aluminum
Magnetic core assembly method	stepped overlap assembly (45°)
Shape and type of coils	Low-voltage (0.4 kV) windings: Typically helical or foil type. High-voltage (10 kV and above) windings: Typically continuous disc type.
Transformer geometry	Core-type
0.4 kV studs must be provided with terminal clamps	Yes
10 kV studs must be provided with brass washers and nuts	Yes
The transformer must be equipped with an oil level indicator.	Yes
Certificates confirming the absence of PCB concentrations in oil	Provide
Testing laboratory certificates	Provide
Enterprise certificates	Provide

Technical Details (160kVA-10kV/0.4kV) 20 pcs.

Item	Description
Manufacturer	TSTY
Type	Oil-immersed transformer
Rated Capacity	160KVA
Primary voltage	10KV
Secondary voltage	0.4KV
Impedance	4.5 ± 10%
Load loss	2136W ± 10%
No load Loss	300W ± 10%
Rated Frequency	50 Hz
Phases	Three-phase
Vector Group	Y/Y0-12
Winding material	Aluminum
Magnetic core assembly method	stepped overlap assembly (45°)
Shape and type of coils	Low-voltage (0.4 kV) windings: Typically helical or foil type. High-voltage (10 kV and above) windings: Typically continuous disc type.
Transformer geometry	Core-type
0.4 kV studs must be provided with terminal clamps	Yes
10 kV studs must be provided with brass washers and nuts	Yes
The transformer must be equipped with an oil level indicator.	Yes
Certificates confirming the absence of PCB concentrations in oil	Provide
Testing laboratory certificates	Provide
Enterprise certificates	Provide

Technical Details (250kVA-10kV/0.4kV) 30 pcs.

Item	Description
Manufacturer	TSTY
Type	Oil-immersed transformer
Rated Capacity	250KVA
Primary voltage	10KV
Secondary voltage	0.4KV
Impedance	4.5 ± 10%
Load loss	2955W ± 10%
No load Loss	425W ± 10%
Rated Frequency	50 Hz
Phases	Three-phase
Vector Group	Y/Y0-12
Winding material	Aluminum
Magnetic core assembly method	stepped overlap assembly (45°)
Shape and type of coils	Low-voltage (0.4 kV) windings: Typically helical or foil type. High-voltage (10 kV and above) windings: Typically continuous disc type.
Transformer geometry	Core-type
0.4 kV studs must be provided with terminal clamps	Yes
10 kV studs must be provided with brass washers and nuts	Yes
The transformer must be equipped with an oil level indicator.	Yes
Certificates confirming the absence of PCB concentrations in oil	Provide
Testing laboratory certificates	Provide
Enterprise certificates	Provide

Technical Details (400kVA-10kV/0.4kV) 10 pcs.

Item	Description
Manufacturer	TSTY
Type	Oil-immersed transformer
Rated Capacity	400KVA
Primary voltage	10KV
Secondary voltage	0.4KV
Impedance	$4.5 \pm 10\%$
Load loss	$5900W \pm 10\%$
No load Loss	$780W \pm 10\%$
Rated Frequency	50 Hz
Phases	Three-phase
Vector Group	Y/Y0-12
Winding material	Aluminum
Magnetic core assembly method	stepped overlap assembly (45°)
Shape and type of coils	Low-voltage (0.4 kV) windings: Typically helical or foil type. High-voltage (10 kV and above) windings: Typically continuous disc type.
Transformer geometry	Core-type
0.4 kV studs must be provided with terminal clamps	Yes
10 kV studs must be provided with brass washers and nuts	Yes
The transformer must be equipped with an oil level indicator.	Yes
Certificates confirming the absence of PCB concentrations in oil	Provide
Testing laboratory certificates	Provide
Enterprise certificates	Provide

Technical Details (630kVA-10kV/0.4kV) 10 pcs.

Item	Description
Manufacturer	TSTY
Type	Oil-immersed transformer
Rated Capacity	630KVA
Primary voltage	10KV
Secondary voltage	0.4KV
Impedance	$5.5 \pm 10\%$
Load loss	$8500W \pm 10\%$
No load Loss	$1070W \pm 10\%$
Rated Frequency	50 Hz
Phases	Three-phase
Vector Group	Y/Y0-12
Winding material	Aluminum
Magnetic core assembly method	stepped overlap assembly (45°)
Shape and type of coils	Low-voltage (0.4 kV) windings: Typically helical or foil type. High-voltage (10 kV and above) windings: Typically continuous disc type.
Transformer geometry	Core-type
0.4 kV studs must be provided with terminal clamps	Yes
10 kV studs must be provided with brass washers and nuts	Yes
The transformer must be equipped with an oil level indicator.	Yes
Certificates confirming the absence of PCB concentrations in oil	Provide
Testing laboratory certificates	Provide
Enterprise certificates	Provide

