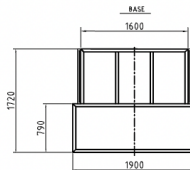
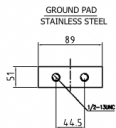
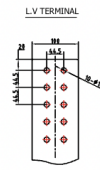
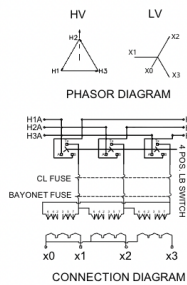
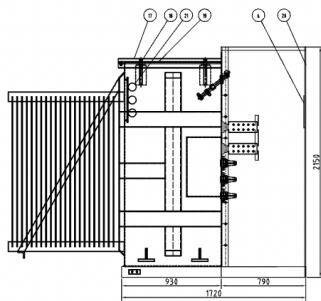
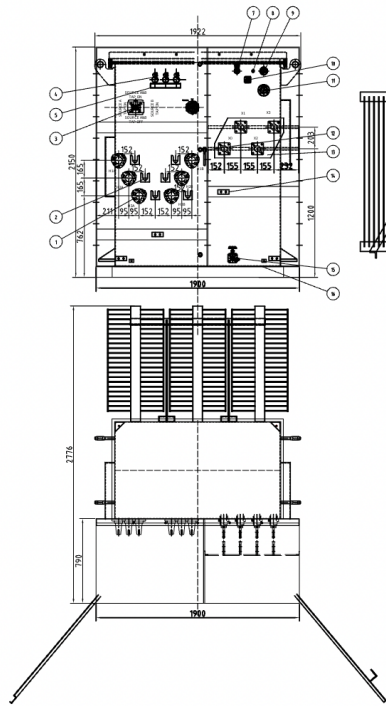


ON
DWG



TECHNICAL DATA	
RATING	2600KVA
PRIMARY VOLTAGE(V)	13800 Delta
SECONDARY VOLTAGE(V)	415 Wye
FREQUENCY	60Hz
VECTOR GROUP	Dyn11
CONDUCTOR	ALUMINUM
PRIMARY BIL VOLTAGE	95 kV
SECONDARY BIL VOLTAGE	30kV
INSULATING OIL	MINERAL OIL
TEMPERATURE RISE	65°C
EFFICIENCY	99.1%
IMPEDANCE	5.75%
ALTITUDE	≤1000m
COLOR	MUNSELL GREEN 70C 3.20/1.5

ITEM	WEIGHT
COILS AND CORES WEIGHT	2510Kg
TOTAL OIL WEIGHT	2200Kg
TOTAL WEIGHT	6080Kg

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	HV BUSHING WELL (15kV/600A)	6
2	Y-PARKING STAND BRACKET	6
3	THREE PHASE FOUR POSITION LOCKBREAK SWITCH	1
4	DRIP TRAY	3
5	BAYONET FUSE	3
6	NAMEPLATE	1
7	1" UPPER FILL VALVE	1
8	PRESSURE RELIEF VALVE	1
9	VACUUM PRESSURE GAUGE	1
10	OIL LEVEL GAUGE	1
11	OIL TEMPERATURE GAUGE	1
12	DOOR HANDLE	1
13	LV BUSHING(10 HOLE 1.2KV4000A)	4
14	GROUND STEEL PADS	4
15	1" DRAIN VALVE WITH 3/8" SAMPLER	1
16	FIXED PROJECTING CUP	3
17	BOLTED REMOVABLE TANK LID	1
18	LIFTING LUG	4
19	TANK COVER	1
20	HINGED DOOR	2
21	ELSP FUSE	3

TYPE
ZGS-H-2600/13.8/0.415

DWG. NAME
General Assembly Drawing

DRAWN	CHECKED	CHECKED	APPROVED
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FIRST ANGLE PROJECTION SCALE 1

REV. NO.
△

THREE PHASE PAD MOUNTED TRANSFORMER

VOLTAGE RATING		KVA RATING		RATED FREQUENCY		60Hz		
H.V	13800V Delta	ONAN		ZGS-H-2600/13.8/0.415				
X.V	415V Wye	2600						
INSULATION LEVEL(kV)		% IMPEDANCE@85°C		TEMPERATURE RISE				
H.V/H.V.N BIL	95	5.93 %		OIL		65°C		
L.V/L.V.N BIL	30	PHASE		3		WINDING		65°C

MATERIAL	
CONDUCTOR	ALUMINUM
INSULATING OIL	Contains no detectable level of PCB (less than 2 PPM) at the time of manufacture

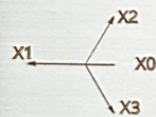
STEP UP OPERATION

VOLTS(V)	TAP POSN	AMPS(A)	BETWEEN
14400	1	104.2	HV
13800	2	108.8	
13200	3	113.7	
12470	4	120.4	
12000	5	125.1	
415		3617.2	LV

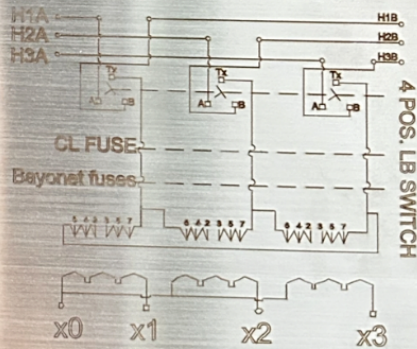
WEIGHT		
CORE AND COILS	2300 kg	5070 lbs
TANK AND FITTINGS	1782 kg	3929 lbs
LIQUID	2240 kg	2464 L
TOTAL WEIGHT	6322 kg	13933 lbs
UNTANKING WEIGHT (HEAVIEST PIECE)	2350 kg	5181 lbs

HV

LV



PHASOR DIAGRAM



CONNECTION DIAGRAM

Maximum operating pressures of liquid preservation system 55 kPa (lbf/in²) positive and 0.1 kPa (lbf/in²) negative
 Tank designed for 0.1 kPa (lbf/in²) vacuum filling
 Liquid level below top surface of the highest point of the highest manhole flange at 25°C 200 mm (in). Liquid level changes 5 mm (in) per 10°C change in liquid temperature.

APPLIED STANDARD, IEEE C57.12.34

SERIAL NO. JM2505-00049

PRODUCTION PLACE.

DATE OF MFG. 06.2025



JIANGSU Yawei TRANSFORMER CO., LTD.

