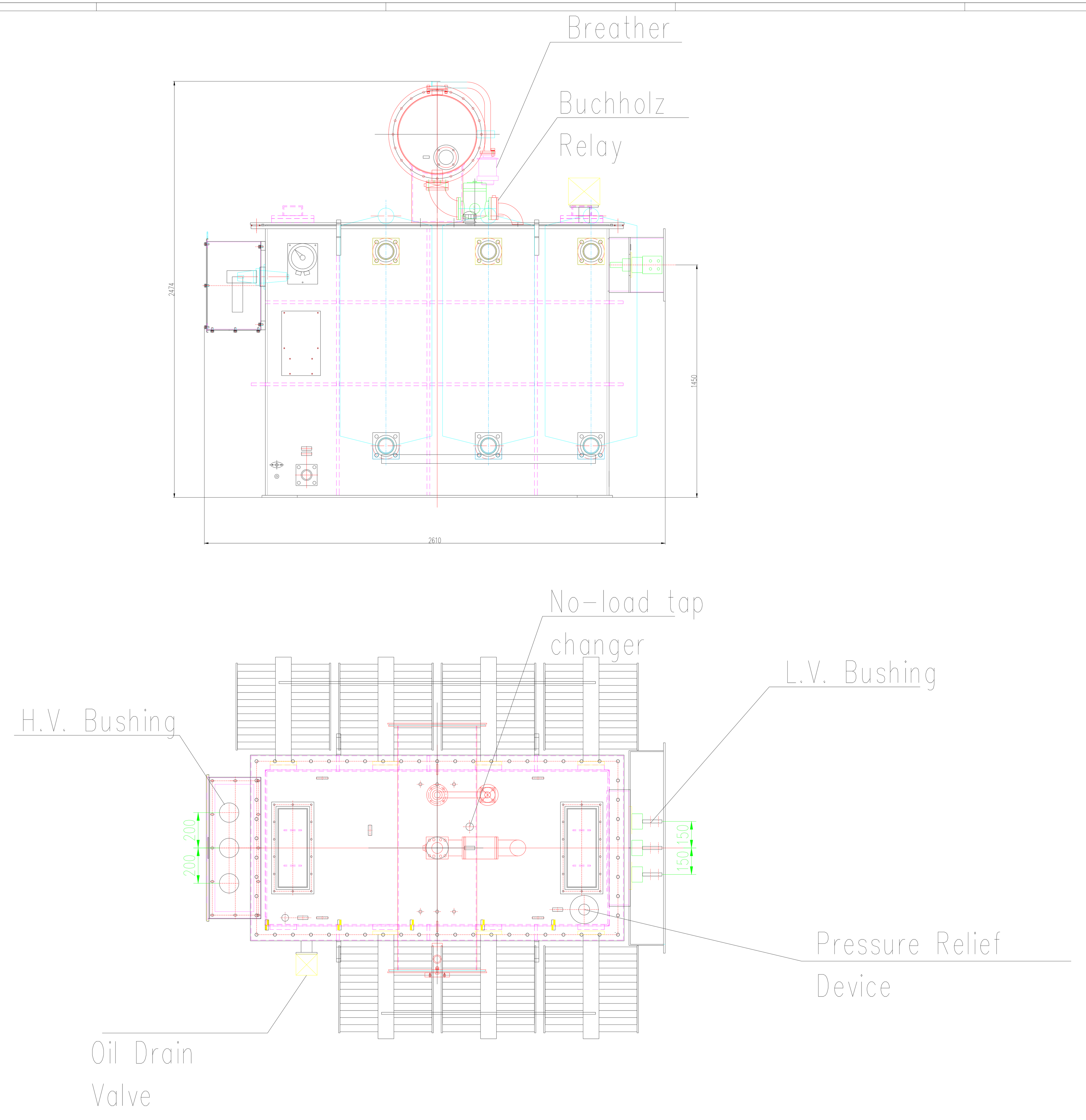

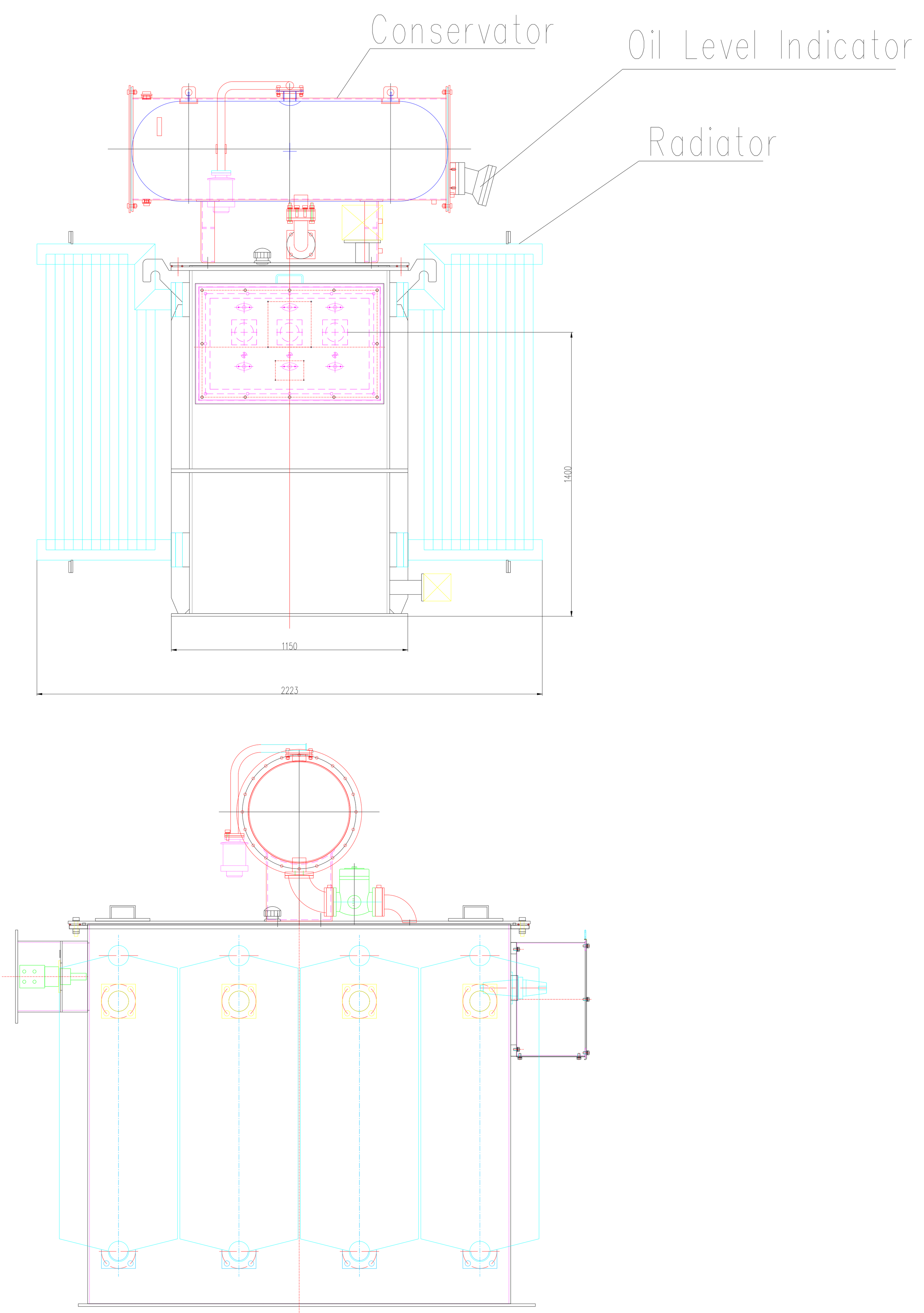

No.	PART No.	DESCRIPTION	PART/FAI No.	QTY	REMARKS

.X		HUAWEI TECHNOLOGIES Co.LTD	TITLE: Transformer Layout drawing for STS-6000K-H1	
.XX				
.XXX	ANG	DRAW: / DATE:	UNIT'S:	DWG NO.:
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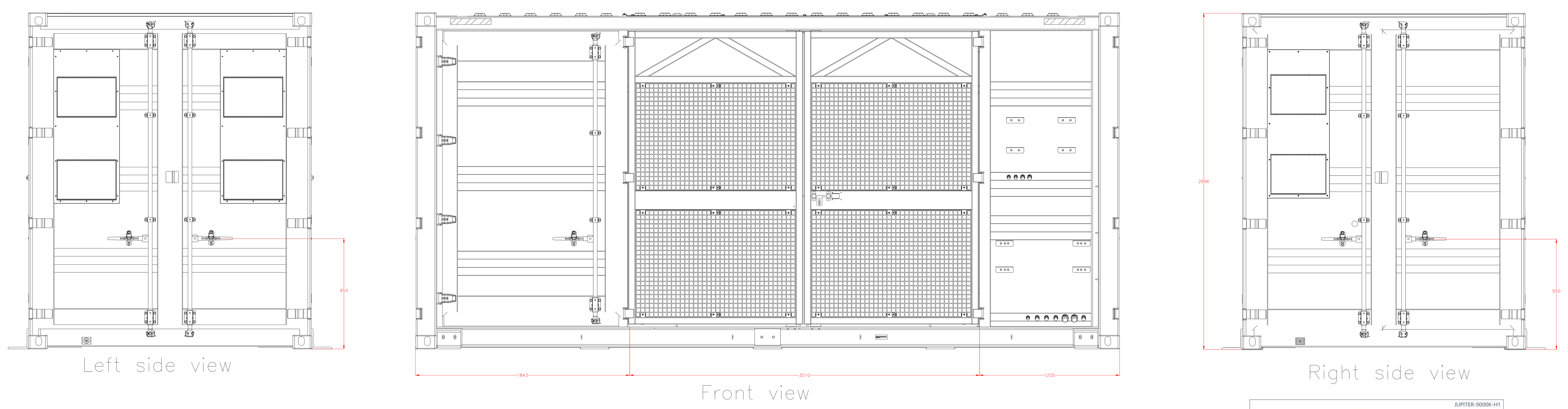
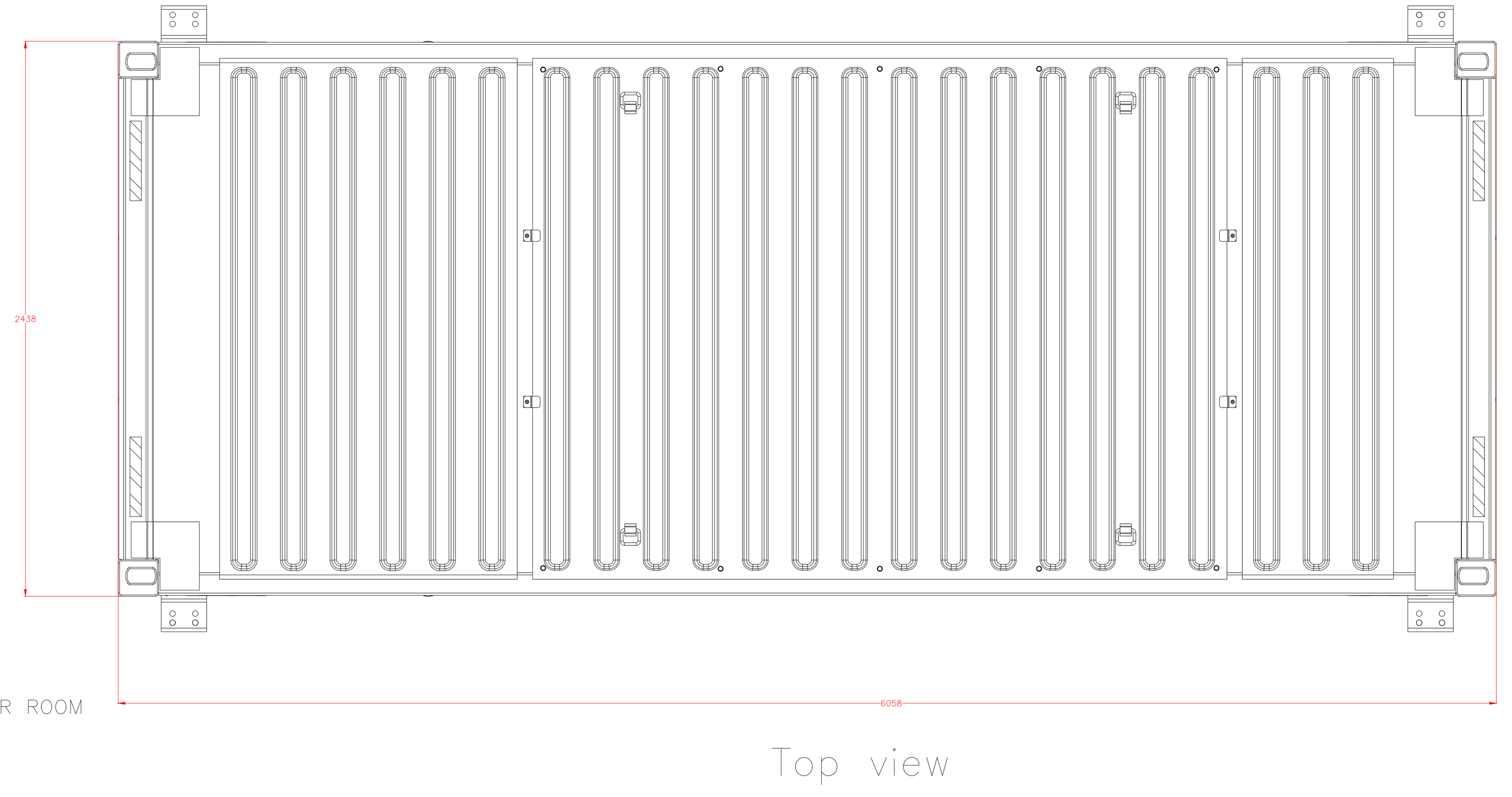
		STAD: / DATE:	MASS(Kg):	PART NO.: / REV
		APPD: / DATE:	SCALE:	A
		PRODUCT:	SHEET:	MAT'L:

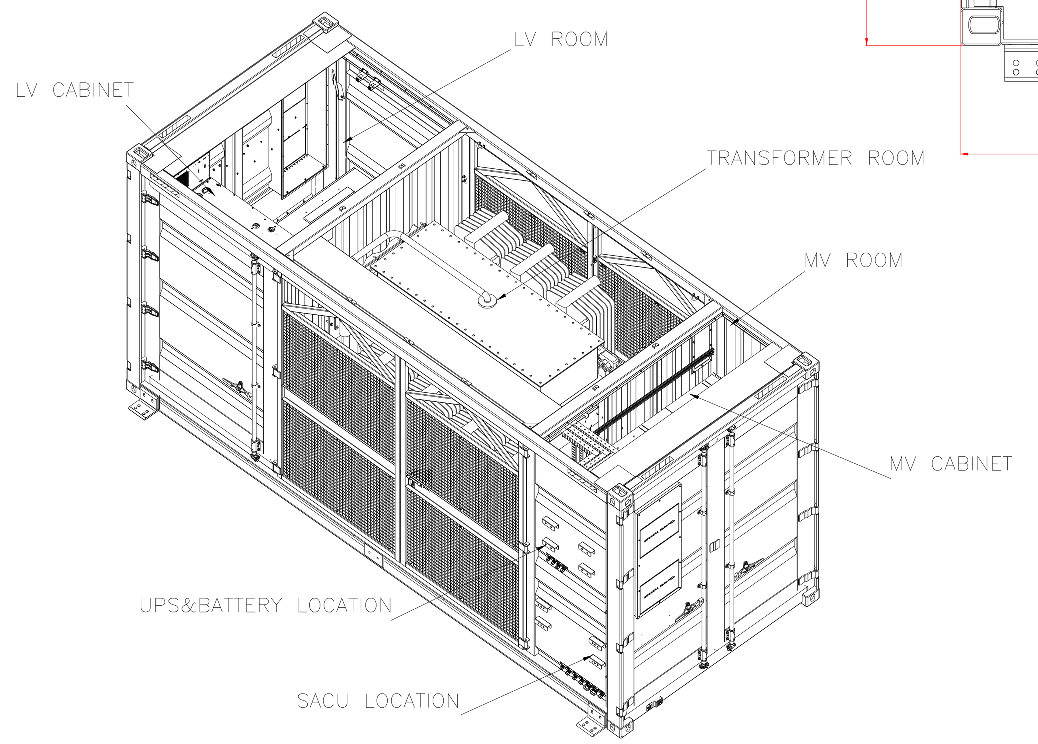


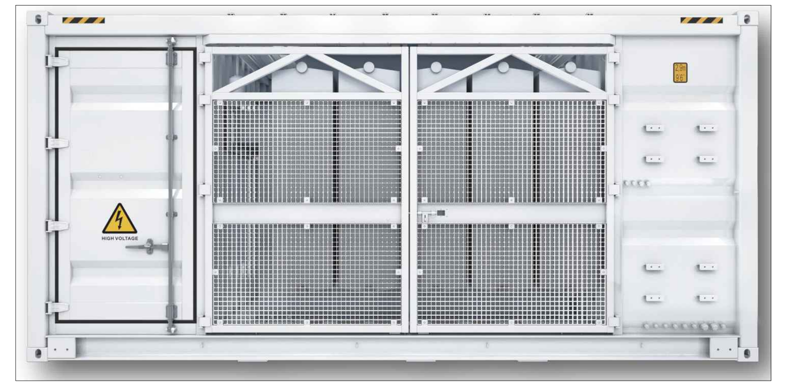


JUPITER-9000K-H1

Technical Specifications(Preliminary)

Input		
Available Inverters	SUN2000-330KTL-H1/ SUN2000-330KTL-H2	
Max. LV AC Inputs	30	
AC Power	9,000 kVA @40℃ / 8,250 kVA @50℃ [1]	
Rated Input Voltage	800 V	
LV Main Inputs	ACB (4,000 A / 800 V / 3P, 2 x 1 pcs), MCCB (400 A / 800 V / 3P, 2 x 15 pcs)	
Output		
Rated Output Voltage	22 kV, 30 kV, 33 kV, 35 kV [2]	34.5 kV [2]
Frequency	50 Hz	60 Hz
Transformer Type	Oil-immersed, Conservator Type	
Transformer Cooling Type	ONAN	
Transformer Tappings	± 2 x 2.5%	
Transformer Oil Type	Mineral Oil (PCB Free)	
Transformer Vector Group	Dy11-y11	
Transformer Min. Peak Efficiency Index	Tier 1 or Tier 2 In Accordance with EN 50588-1	
RMU Type	SF_6 Gas Insulated	
RMU Transformer Protection Unit	MV Vacuum Circuit Breaker Unit	
RMU Cable Incoming / Outgoing Unit	Direct Cable Unit or Cable Load Break Switch Unit	
Auxiliary Transformer	Dry Type Transformer, 5 kVA	
Protection		
Transformer Monitoring & Protection	Oil Level, Oil Temperature, Oil Pressure and Buchholz	
Protection Degree of MV & LV Room	IP 54	
Internal Arcing Fault of STS	IAC A 20 kA 1s	
MV Relay Protection	50/51, 50N/51N	
LV Overvoltage Protection	Type I+II	
Anti-rodent Protection	C5 in accordance with ISO 12944	
Features		
2 kVA UPS	Optional [3]	
MV Surge Arrester for MV VCB	Optional [3]	
General		
Dimensions (W x H x D)	6,058 x 2,896 x 2,438 mm (20' HC Container)	
Weight	< 28 t	
Operating Temperature Range	-25℃ ~ 60℃ [4] (-13°F ~ 140°F)	
Relative Humidity	0% ~ 95%	
Max. Operating Altitude	1,000 m [5]	1,500 m [5]
MV-LV AC Connections	Prewired and Pretested, No Internal Cabling Onsite	
LV & MV Room Cooling	Smart Cooling without Air-across for Higher Availability	
Communication	Modbus TCP, Preconfigured with SmartACU2000D	
Applicable Standards	IEC 62271-202, EN 50588-1, IEC 60076, IEC 62271-200, IEC 61439-1	





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		APPD: li maofan / 2020-07-10	SCALE:	A
		PRODUCT: STS-6000K-H1&STS	SHEET: 1 OF 1	MAT'L:

REGIONE SARDEGNA
COMUNE DI SANTULUSSURGIU
Provincia di Oristano

Titolo del Progetto

PROGETTO DEFINITIVO

PROGETTO PER LA REALIZZAZIONE DI UN IMPIANTO AGRO FOTOVOLTAICO DENOMINATO "SANTU LUSSURGIU" DELLA POTENZA DI 24.014,76 kWp E POTENZA IN IMMISSIONE 21.154 kW IN LOCALITÀ "SU MULLONE" NEL COMUNE DI SANTU LUSSURGIU (OR) E DELLE RELATIVE OPERE DI CONNESSIONE ALLA RTN DA REALIZZARE NEI COMUNI DI SANTU LUSSURGIU (OR), BORORE (NU) E MACOMER (NU)

Identificativo Documento

TAV_FTV037

ID Progetto	GBSM	Tipologia	D	Formato	A1	Disciplina	AMB

Titolo

PARTICOLARI TRAFO STATION

SCALA:1:100 | FILE: TAV_FTV037.pdf

IL PROGETTISTA
Arch. Andrea Casula

Firmato digitalmente da **Andrea Casula**
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Antonio Dedoni
02.02.2024
16:06:42
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GRUPPO DI PROGETTAZIONE
SYNERGY srl
Blue Island Energy SaS

COMMITTENTE
DS ITALIA 16 SRL
Via del Plebiscito, 112
00186 Roma (RM)
P.iva 16658141003

Rev.	Data Revisione	Descrizione Revisione	Redatto	Controllato	Approvato
Rev.	Gennaio 2024	Prima Emissione	SYNIERGY SRL	DS ITALIA 16 SRL	DS ITALIA 16 SRL

PROCEDURA: Valutazione di Impatto Ambientale ai sensi dell'art.23 del D.Lgs.152/2006

SYNERGY SRL
Via Via Clodoveo Bonazzi, 2
40013 Castel Maggiore (BO)