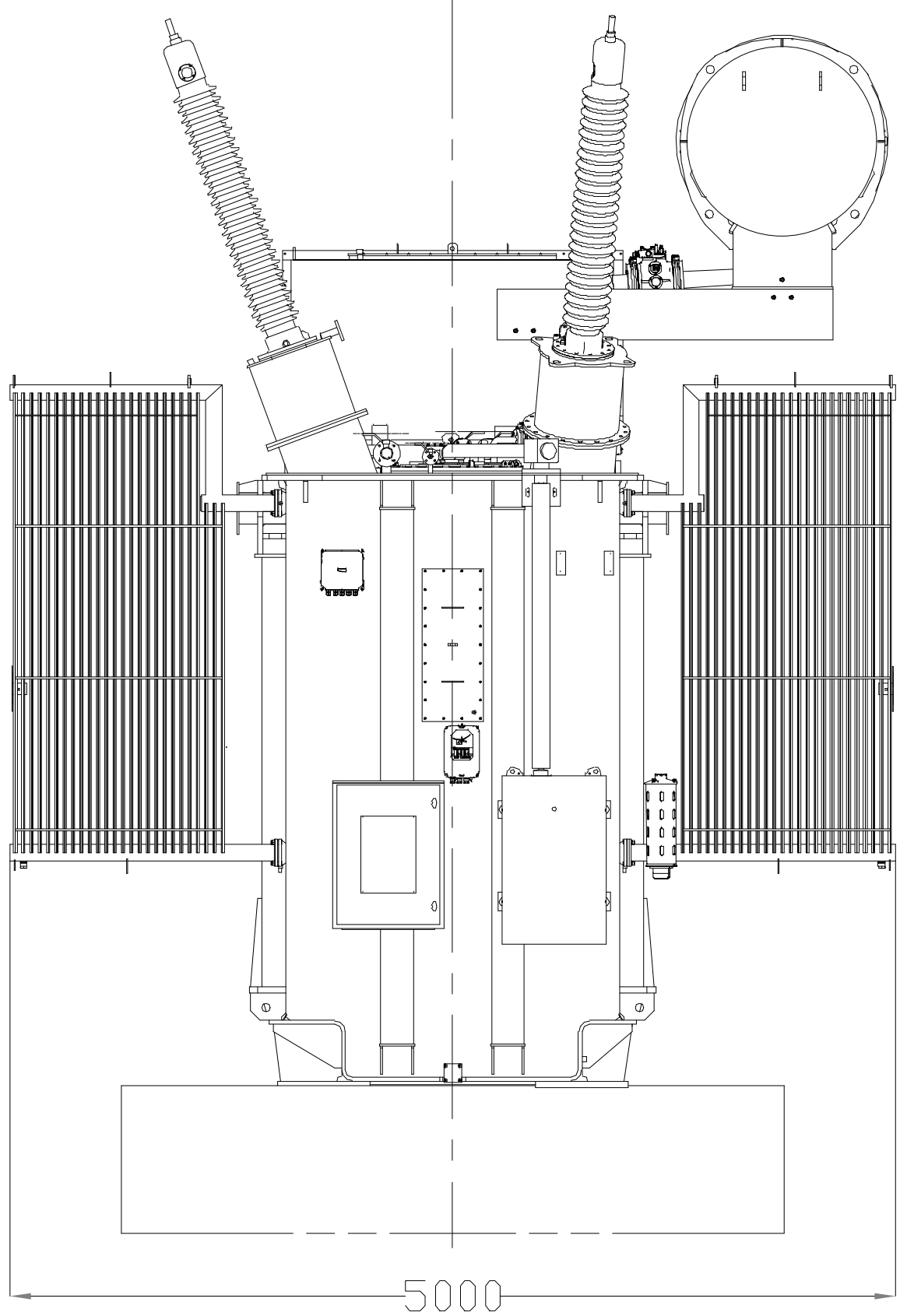
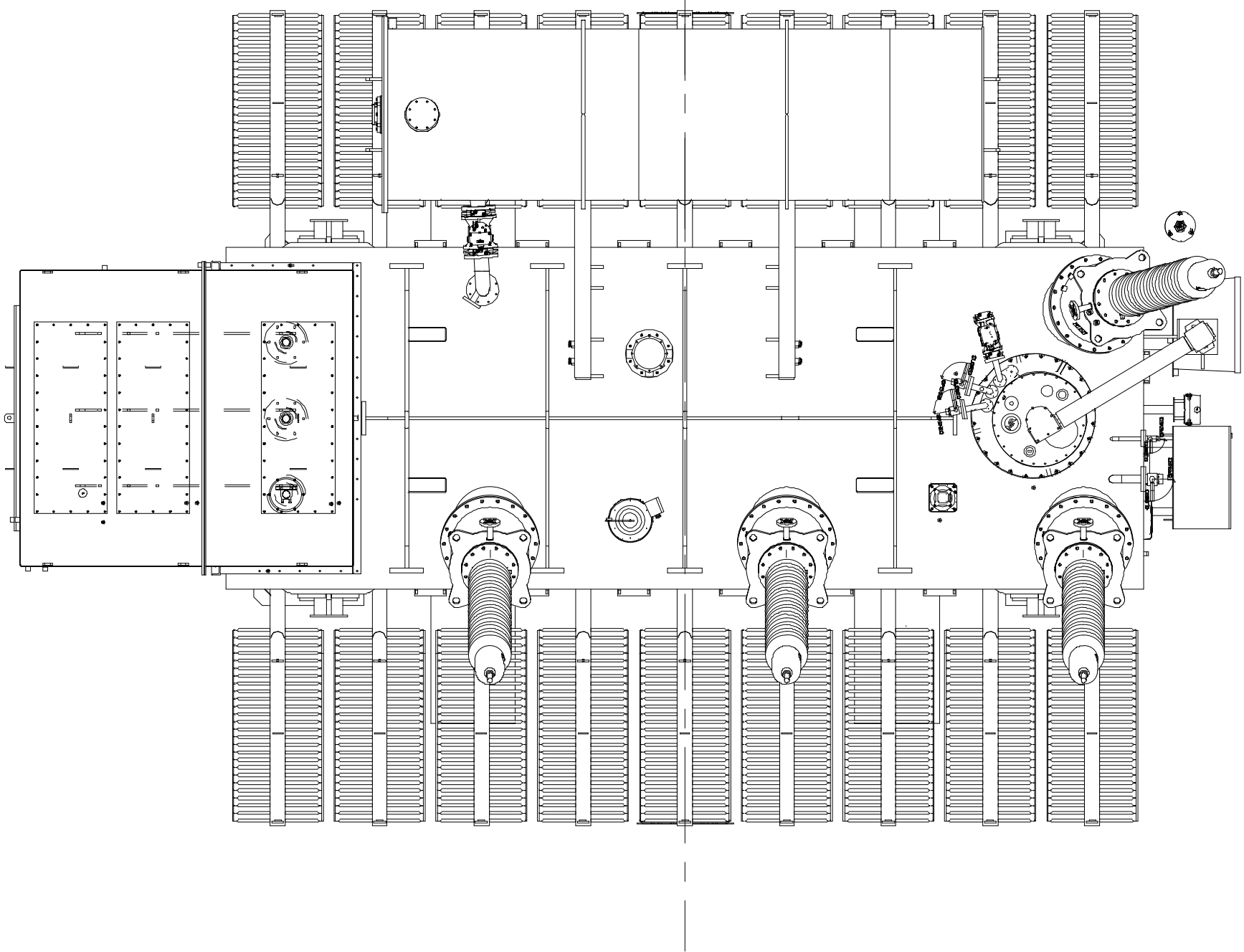
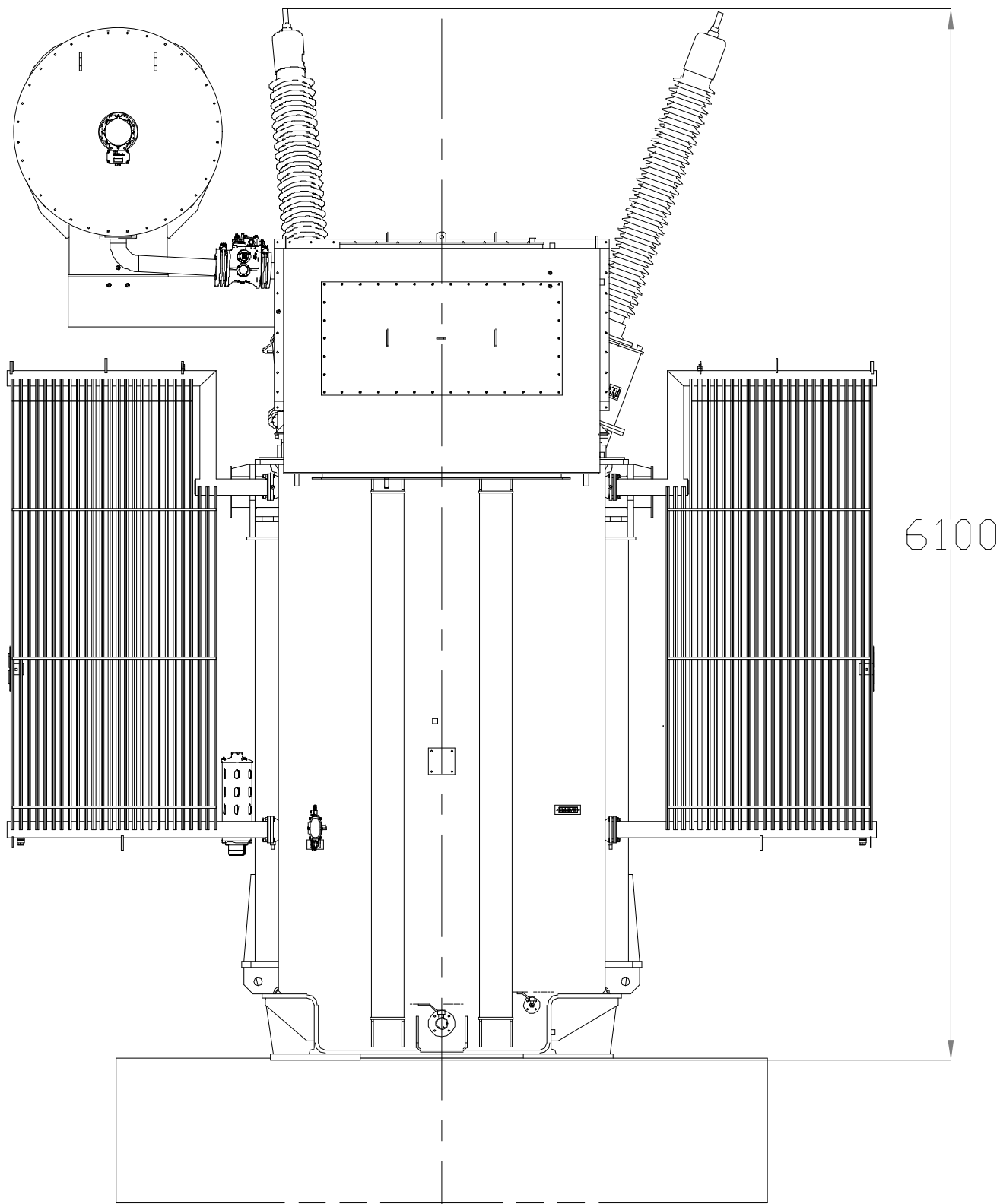
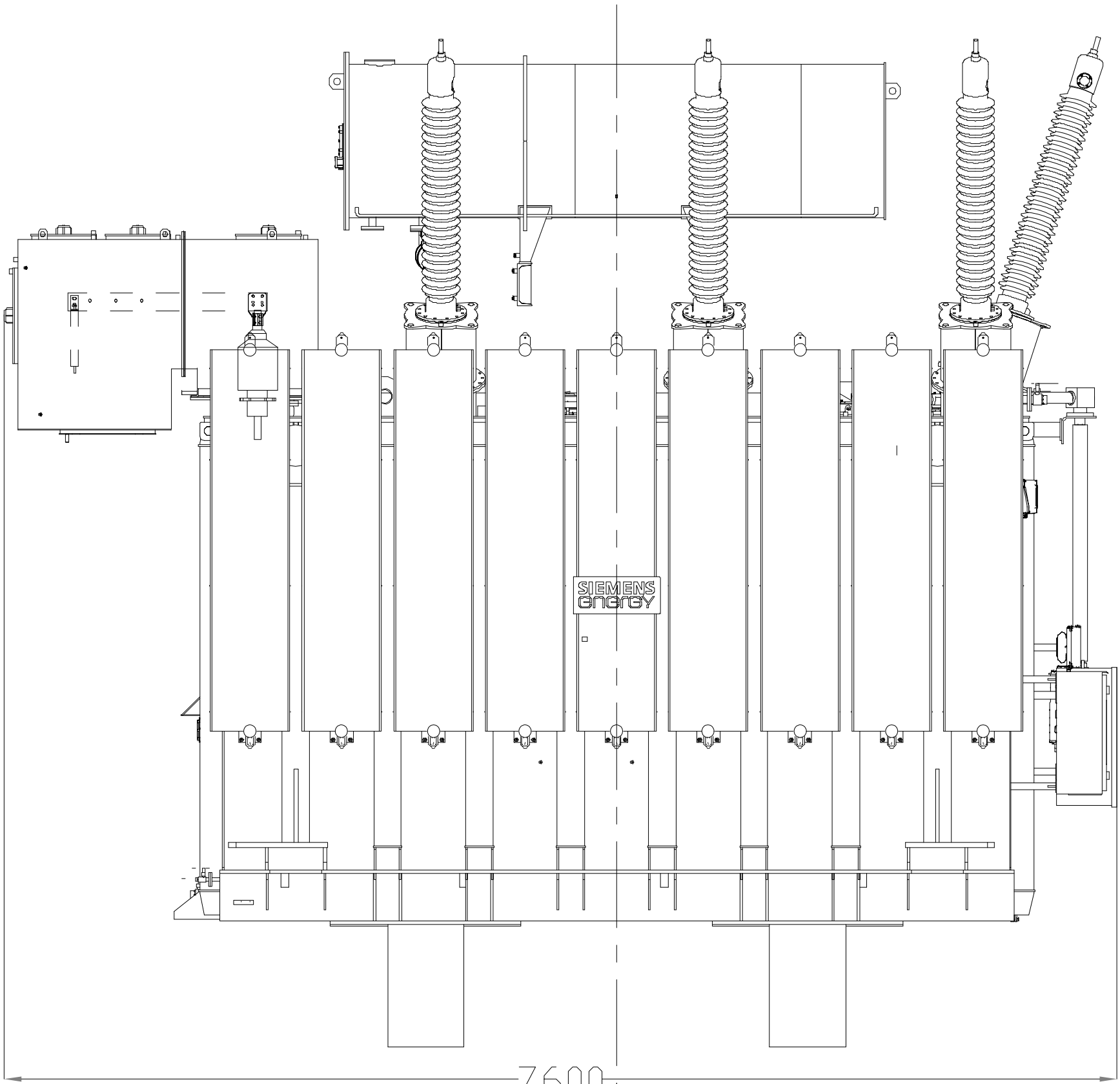




Technical Data sheet 84/100 MVA



Technical characteristics		ITEM 010 B	
Applicable standard		IEC 60076	
Rated frequency	Hz	50	
Rated voltage ratio (no-load)	kV	150 ± 12 x 1,25% / 21	
Vector group		YNd11	
Cooling system		ONAN/ONAF	
Rated power	MVA	84/100	
No-load losses	kW	31,6	(IEC tol.)
Load losses	kW	420	(IEC tol.)
Short-circuit impedance	%	13,5	(IEC tol.)
Max ambient temperature	°C	40	
Top oil temperature rise	K	60	
Average winding temperature rise	K	65	
Hot-spot winding temperature rise	K	78	

Insulation levels		HV	HV-N	LV	LV-N
Full wave lightning impulse LI	kV	650	650	125	N/A
Applied voltage AV	kV	275	275	50	N/A

Bushing		HV	HV-N	LV	LV-N
Type		OIP Ceramic	OIP Ceramic	Solid oil/air Ceramic	N/A
Nominal Voltage (U _m)		170	170	24	N/A
Full wave lightning impulse LI	kV	≥ 650	≥ 650	125	N/A
Current	A	≥ 800	≥ 800	≥ 3150	N/A

Weights and Dimensions (approximate values)				
Oil weight	kg	25 000		
Total weight	kg	102 000		
Total dimensions (L x W x H)	m	7,6 x 5,0 x 6,1		



Capogruppo Mandataria
ITALCONSULT
ITALCONSULT S.p.A.
Via di Villa Ricotti 20
00161 Roma
Resp. integrazione tra le prestazioni specialistiche:
Ing. Giovanni Mondello
Project Manager:
Ing. Gabriele De Rulli
Aspetti Autorizzativi:
Ing. Alessandro Artuso

Proponente
GM AGRI PV 1 S.r.l.
Via Alberico Albrici, 7 - 20122 Milano
Investitore agricolo superintensivo
OXY CAPITAL ADVISORS S.r.l.
Via A. Bertani, 6 - 20154 Milano



STUDIO ALTIERI
STUDIO ALTIERI S.p.A.
Via Colleoni 56-58
36016 Thiene, Italia
Aspetti Ambientali:
Ing. Laura Dalla Valle
Resp. parte impiantistica:
Ing. Umberto Lisa
Archeologo:
Dott.ssa Elisabetta Tramontana

Committente: Peridot Solar Italy s.r.l.
Dott. Andrea Urzi
Agronomo:
Dott. Salvatore Puleri
Geologo:
Dott. Carlo Cibella
Acustica:
Ing. Alessandro Infantino



TITOLO DOCUMENTO: IMPIANTI ELETTRICI
TIPOLOGICO TRANSFORMATION UNIT

CODICE: C451 CT1 D EL 0013 r01

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00	26.02.2024	EMISSIONE	G.C.	G.C.	U.L.
01	21.03.2024	REVISIONE	N.F.	G.C.	U.L.