

2400 GPU

Illustrated Parts List

30-90 kVA (28VDC optional)

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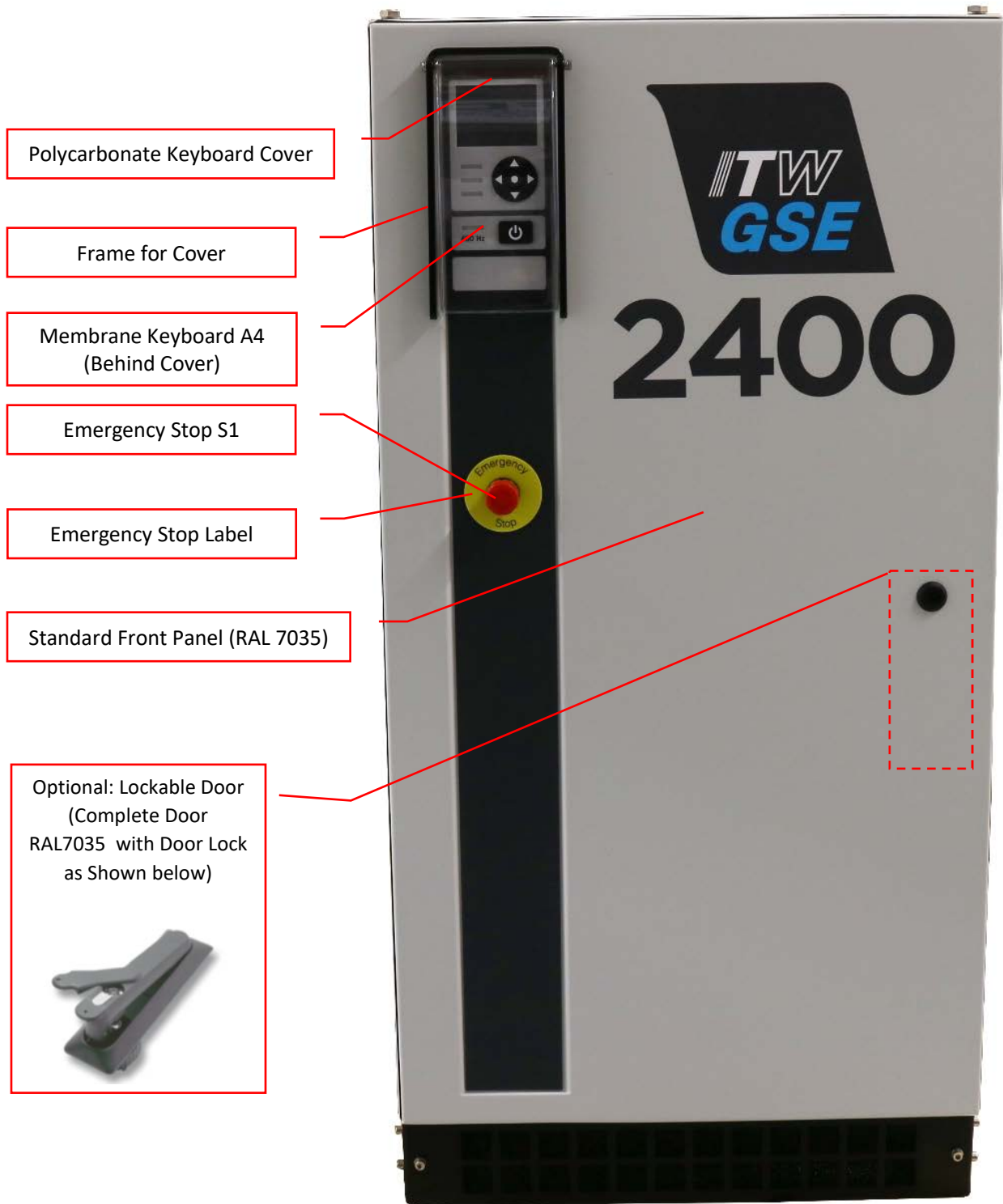


Figure 1: Front View

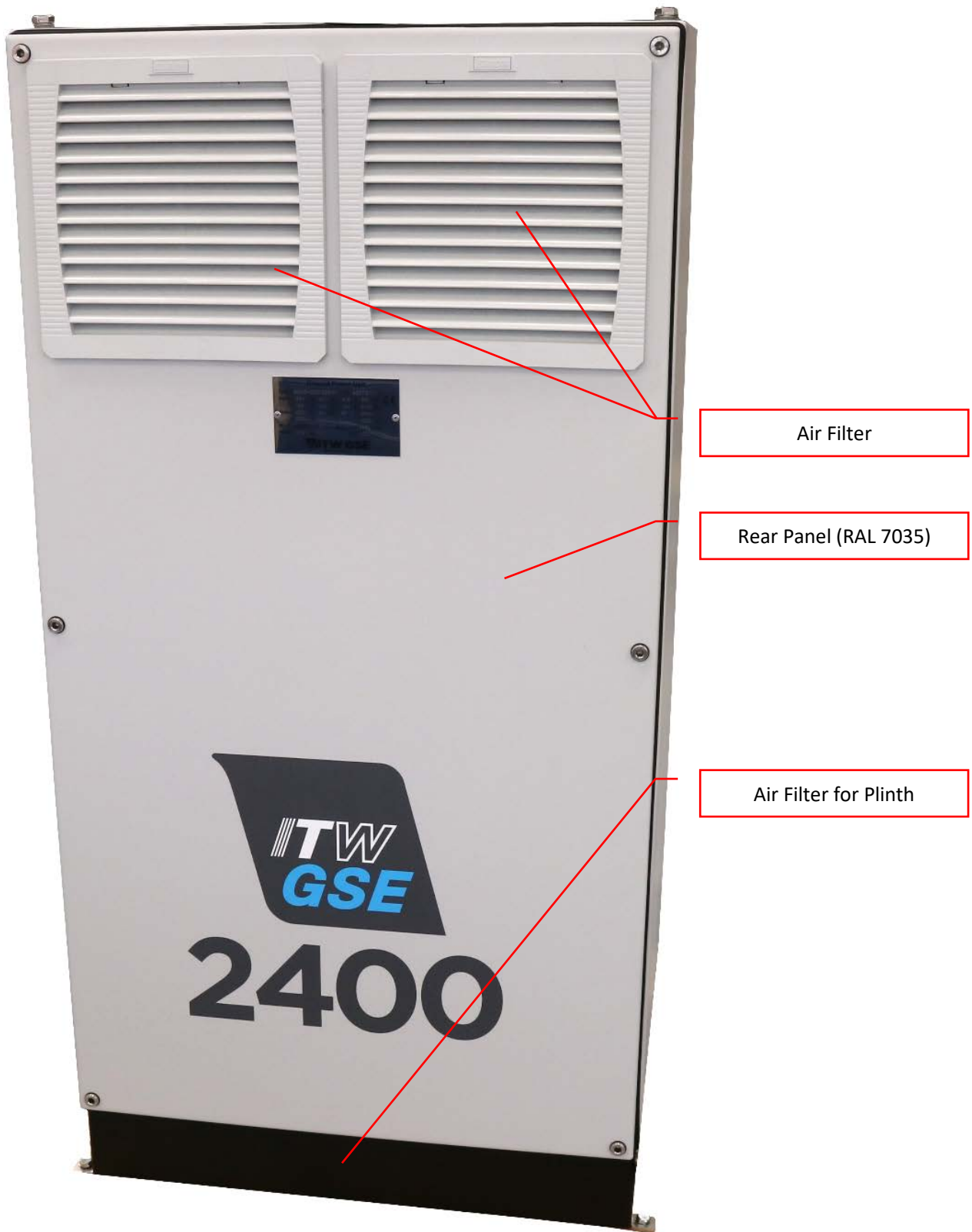


Figure 2: Back View



Display A3

Inside Polycarbonate Cover

Cable with SUB-DB9

Locking Brick

Emergency Stop S1

Manual Holder

I/O Terminals X1-X2

Figure 3: Front Door

*Note: This part number differ for UL and CE configuration, check manual or contact ITW GSE support
 Note: Please refer to last pages for part numbers

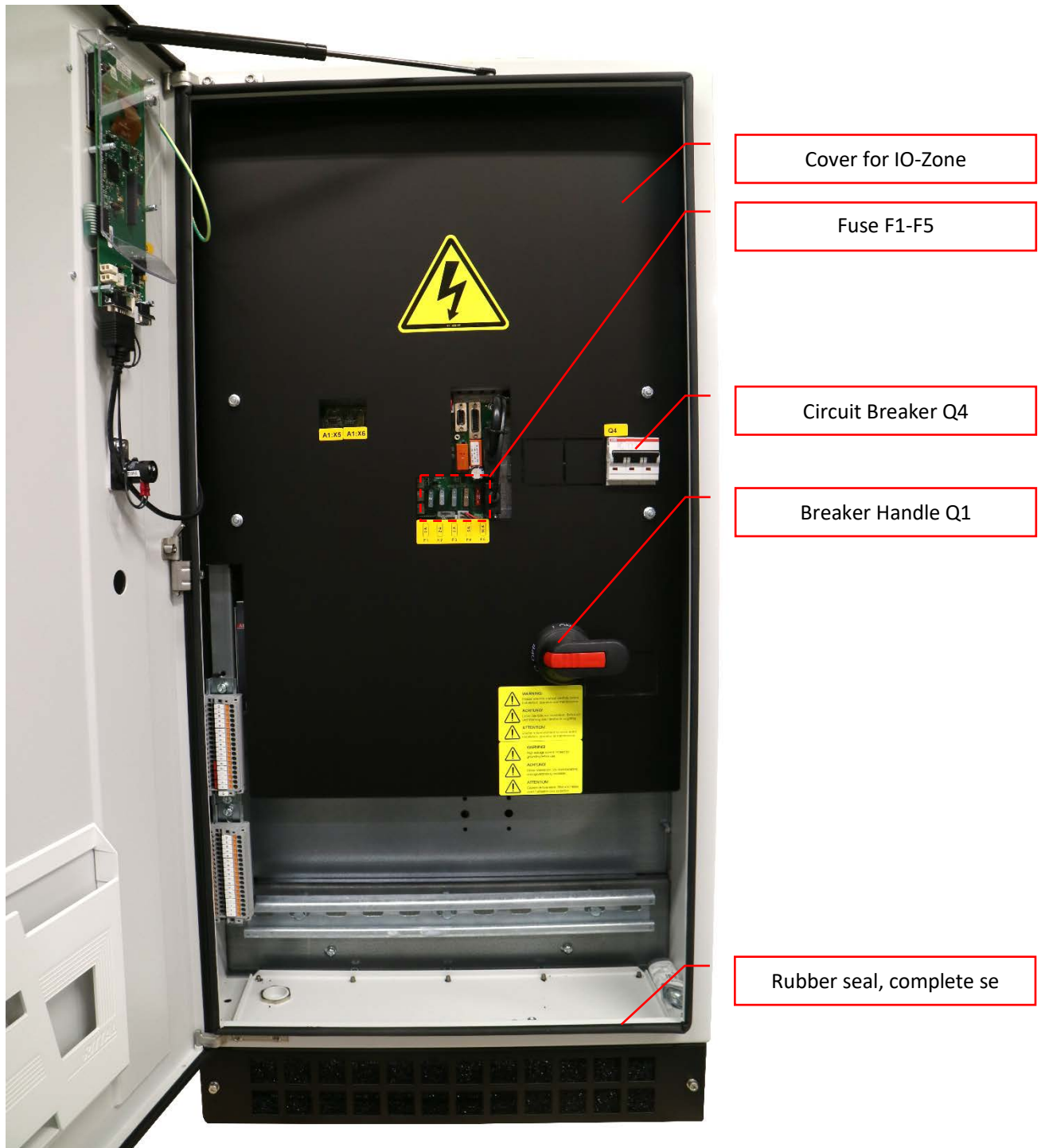


Figure 4: Front Cover Internal

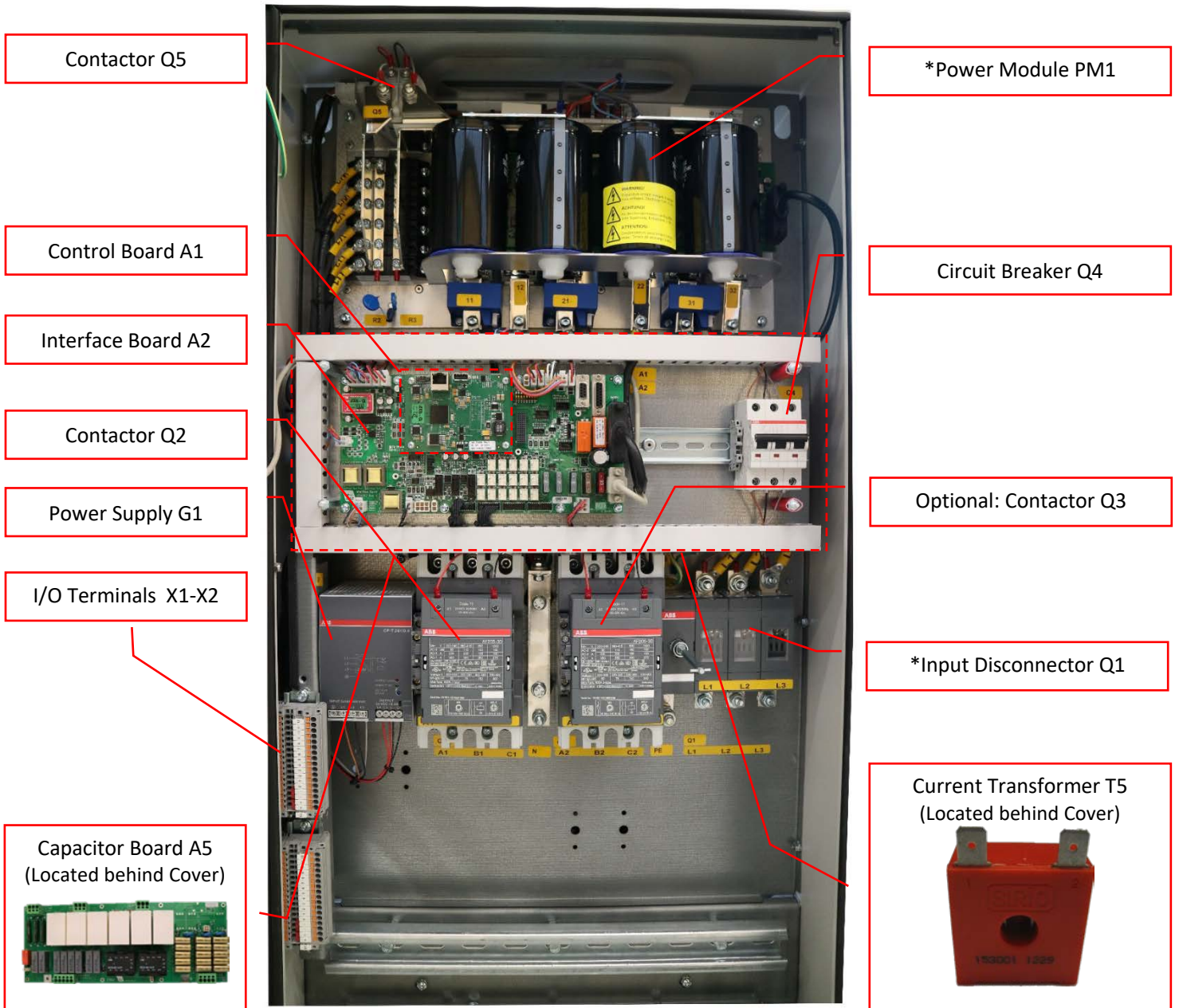


Figure 5: Front View Internal Components

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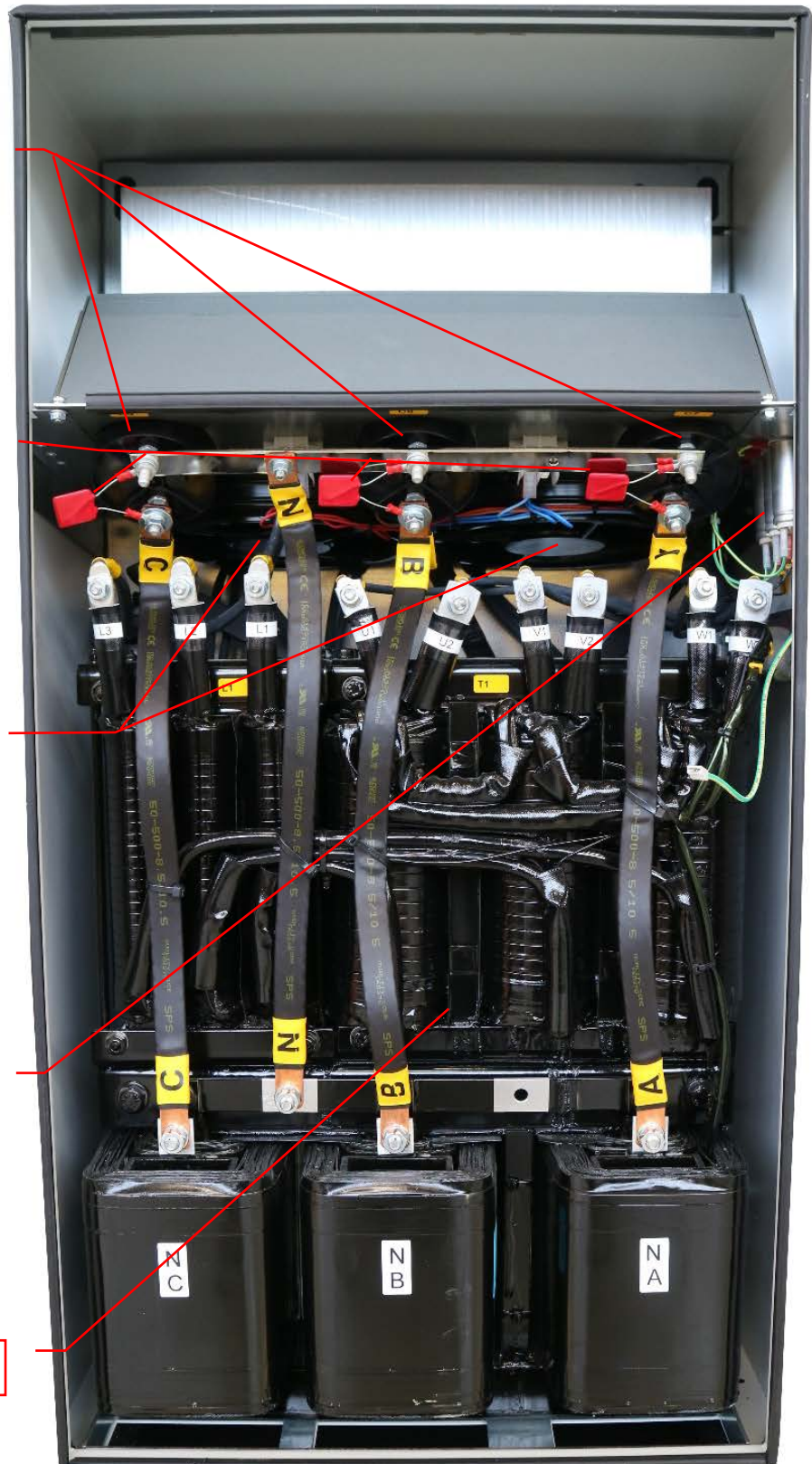
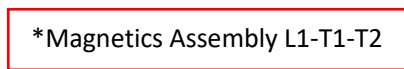
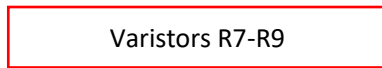


Figure 6: Rear View Internal Components

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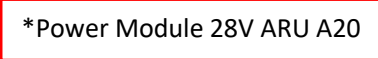
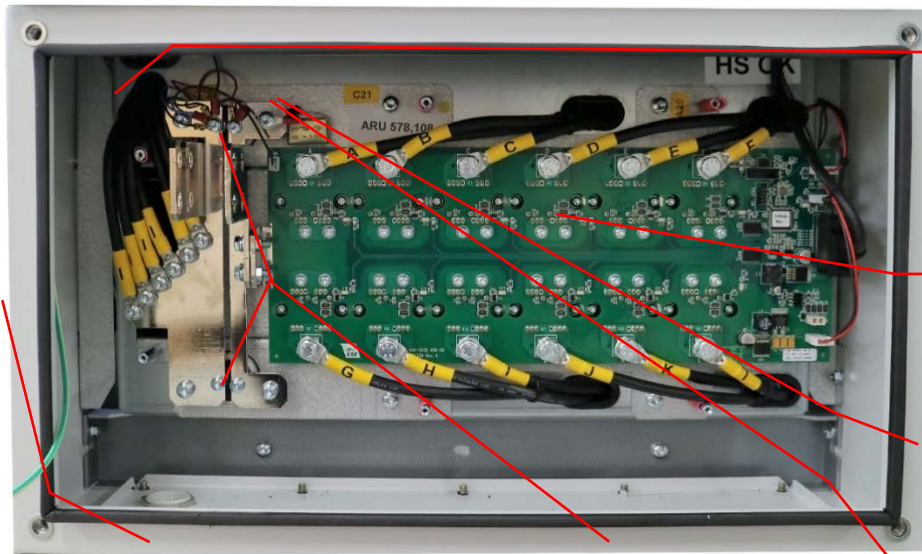


Figure 7: *ARU Front View Internal Components

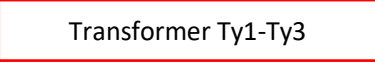
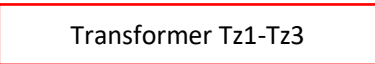


Figure 8: *ARU Rear View Internal Components

*Note: This part number differ for UL and CE configuration, check manual or contact ITW GSE support
 Note: Please refer to last pages for part numbers



Figure 9: Mobile 2400 GPU

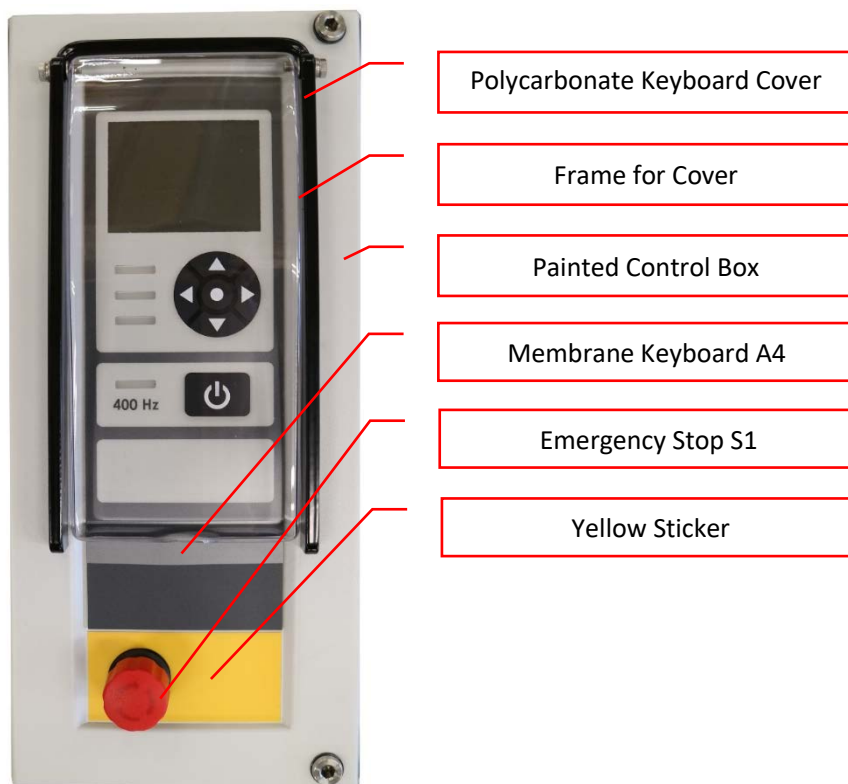


Figure 10: Front View Remote Control Box

*Note: This part number differ for UL and CE configuration, check manual or contact ITW GSE support
 Note: Please refer to last pages for part numbers

Comp. No.	Part No.	Description	Data
A1	579526	GSE Control Board	
A2	579527	Interface Board	
A20*	578108	Power Module 28 V ARU - CE	28 VDC / 600 A
A20*	578109	Power Module 28 V ARU - UL	28 VDC / 600 A
A3	579536	Display	
A4 (Fig 1)	DV3016	Operator Membrane Keyboard	Single Output
A4 (Fig 1)	DV3017	Operator Membrane Keyboard	Dual Output
A4 (Fig 1)	DV3018	Operator Membrane Keyboard	400 Hz + ARU
A4 (Fig 10)	DV3010	Operator Membrane Keyboard	400Hz + ACR
A4 (Fig 10)	DV3027	Operator Membrane Keyboard	400Hz Single Output
A4 (Fig 10)	DV3035	Operator Membrane Keyboard	400Hz Dual Output
A4 (Fig 10)	DV3036	Operator Membrane Keyboard	400Hz + 28VDC Output
A5	579532	Capacitor Board	
ARU* (Fig 7&8)	578821	Active Rectifier Unit - CE	28 VDC / 600 A ARU
ARU* (Fig 7&8)	578826	Active Rectifier Unit - UL	28 VDC / 600 A ARU
C10-C12	KP0488	Capacitor	0,47µF 500VAC 5%
C20	EL3305	Electrolytic Capacitor	22mF 40V 20%
C7-C9	KP7087	Capacitor	300 µF 5%, 180 VAC
F1-3 A2	SI2066	ATO fuse	10A
F4 A2	SI2075	ATO fuse	5A
F5 A2	SI2076	ATO fuse	2A
G1	PS0010	DC Power Supply	24 VDC, 10.0 A
L1-T1-T2*	IT0040	Magnetics Assembly - CE	90 kVA, 400 VAC
L1-T1-T2*	IT0041	Magnetics Assembly - UL	90 kVA, 460 VAC
M1-M2	VN0017	Fan	24 VDC (16-36 VDC)
PM1*	578100	Power Module 90 kVA - CE	90 kVA
PM1*	578105	Power Module 90 kVA - UL	90 kVA
Q1	AF0249	Breaker Handle	
Q1*	AF0267	Input Disconnecter – CE	3 pol. / 160 A
Q1*	AF0268	Input Disconnecter – UL	3 pol. / 200 A
Q2-Q3	KO4382	Contactora	24 VDC Coil
Q4	DP0222	Circuit Breaker	6 A / 3 Pol
Q5	KO4386	Contactora	24 VDC Coil
R7-R9	VR6115	Varistor	V25S115P
R20	MO0410	Resistor	22 Ohm, 100 W, 5 %
S1	AF0403	Emergency Stop, Compact	
T5	IT0032	Current Transformer	70 A, 500:1
T20	IT7006	Current Transformer	V3 1000/1A(100/0.1A)
Ty1-Ty3	556691	Transformer UL	61/2x30V, 80A, 400Hz
Tz1-Tz3	556692	Transformer UL	61/2x30V, 80A, 400Hz
V20	VN0018	Fan	24 VDC (16-30 VDC)

X1-X2	291280	Terminal Block, One Output	18 Terminals
Figure 1	534184	Front Door AXA 2400 Fixed	RAL 7035
Figure 1	534187	Lockable Door, 2400 Fixed GPU	RAL 7035
Figure 1	AF0402	Emergency Stop Label	Ø70 mm
Figure 1 & 10	278164	Polycarbonate Keyboard Cover	
Figure 1 & 10	278165	Frame for Cover	RAL 9005 Black
Figure 2	534185	Back Panel AXA 2400 Fixed	RAL 7035
Figure 2	AM0067	Air Filter for Plinth	GSE2400 Fixed/Horiz.
Figure 2	AM0131	Air Filter	
Figure 3	278116	Inside Polycarbonate Cover	Poly carbonate plate
Figure 3	278124	Locking Brick for Emergency Stop	1,5mm
Figure 3	SC0176	Cable with SUB-DB9	9 pol M/F,1:1,1.0 m
Figure 3	KA1031	Manual Holder	
Figure 4	278150	Cover for IO-Zone	
Figure 4	GL8009	Rubber seal, complete set	
Figure 8	AM0137	Air Filter	IP55
Figure 9	HJ0005	Wheel	4,3 bar
Figure 9	534186	Front Panel, AXA 2400 Mobile	RAL 7035
Figure 9	278157	Cable Hook	Hot-dip galvanised
Figure 9**	534188	Rear panel, AXA 2400 Mobile	RAL 7035
Figure 10	534172	Painted Control Box	RAL 7035
Figure 10	DV3014	EPO-Yellow Background	RAL 1003

*Note: This part numbers differ for UL and CE configuration, check manual or contact ITW GSE support

** Note: Parts not illustrated.



It's all about connections

Types / Rating overview.

Type	Rating	28 VDC	Mounting	Part number	Schematic	Input voltage	CE version	UL version
3GWF-200/87-N	30 kW		Fixed	578.119	478.101	3 x 400 V	X	
3GWF-200/87-N	30 kW	Yes	Fixed	578.159	478.103	3 x 400 V	X	
3GWH-200/87-N	30 kW		Bridge	578.120	478.101	3 x 400 V	X	
3GWH-200/87-S	30 kW	Yes	Skid	578.169	478.103	3 x 400 V	X	
3GWT-200/87-L	30 kW		Mobile	578.121	478.101	3 x 400 V	X	
3GWT-200/87-L	30 kW	Yes	Mobile	578.161	478.103	3 x 400 V	X	
3GWF-200/130-N	45 kW		Fixed	578.116	478.101	3 x 400 V	X	
3GWF-200/130-N	45 kW	Yes	Fixed	578.156	478.103	3 x 400 V	X	
3GWF-200/130-N	45 kW		Fixed	578.656	478.101	3 x 480 V		X
3GWH-200/130-N	45 kW		Bridge	578.117	478.101	3 x 400 V	X	
3GWH-200/130-N	45 kW		Bridge	578.657	478.101	3 x 480 V		X
3GWH-200/130-S	45 kW	Yes	Skid	578.168	478.103	3 x 400 V	X	
3GWT-200/130-L	45 kW		Mobile	578.118	478.101	3 x 400 V	X	
3GWT-200/130-L	45 kW	Yes	Mobile	578.158	478.103	3 x 400 V	X	
3GWF-200/173-N	60 kW		Fixed	578.113	478.101	3 x 400 V	X	
3GWF-200/173-N	60 kW	Yes	Fixed	578.153	478.103	3 x 400 V	X	
3GWH-200/173-N	60 kW		Bridge	578.114	478.101	3 x 400 V	X	
3GWH-200/173-S	60 kW		Skid	578.127	478.101	3 x 400 V	X	
3GWH-200/173-S	60 kW	Yes	Skid	578.167	478.103	3 x 400 V	X	
3GWT-200/173-L	60 kW		Mobile	578.115	478.101	3 x 400 V	X	
3GWT-200/173-L	60 kW	Yes	Mobile	578.155	478.103	3 x 400 V	X	
3GWF-200/260-N	90 kW		Fixed	578.110	478.101	3 x 400 V	X	
3GWF-200/260-N	90 kW	Yes	Fixed	578.150	478.103	3 x 400 V	X	
3GWF-200/260-N	90 kW		Fixed	578.650	478.101	3 x 480 V		X
3GWF-200/260-N	90 kW	Yes	Fixed	578.670	478.103	3 x 480 V		X
3GWH-200/260-N	90 kW		Bridge	578.111	478.101	3 x 400 V	X	
3GWH-200/260-N	90 kW		Bridge	578.651	478.101	3 x 480 V		X
3GWH-200/260-N	90 kW		For Mobile	578.652	478.101	3 x 480 V		X
3GWH-200/260-N	90 kW	Yes	Bridge	578.671	478.103	3 x 480 V		X
3GWH-200/260-S	90 kW		Skid	578.126	478.101	3 x 400 V	X	
3GWH-200/260-S	90 kW	Yes	Skid	578.166	478.103	3 x 400 V	X	
3GWT-200/260-L	90 kW		Mobile	578.112	478.101	3 x 400 V	X	
3GWT-200/260-L	90 kW	Yes	Mobile	578.152	478.103	3 x 400 V	X	