

SITE PLANNING DATA 93PS 8-20KW C-model

Page 1 Packaging Dimensions

Page 2 Dimensional Drawings

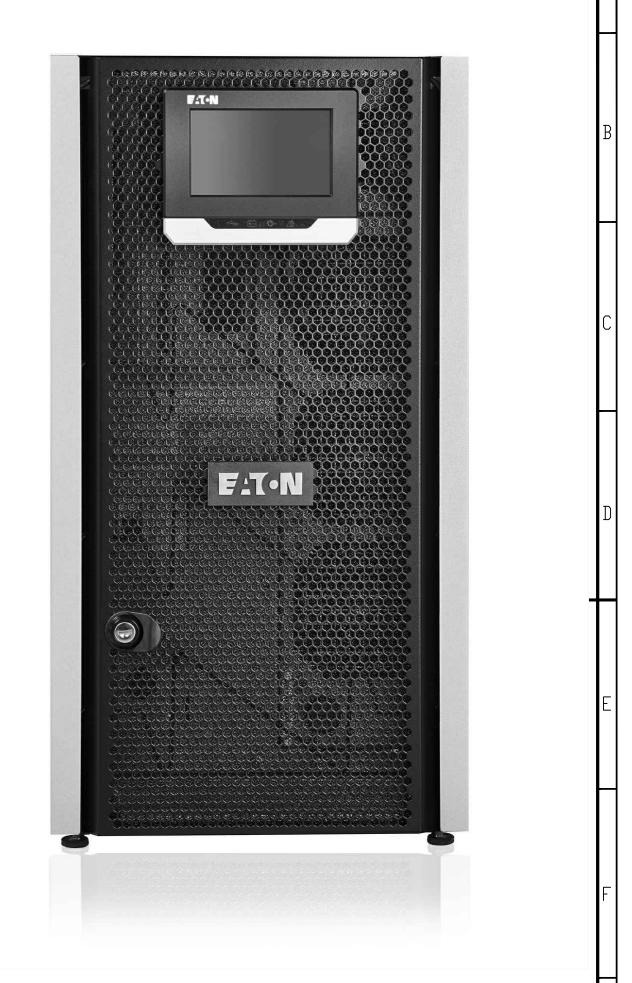
Page 3 COG and Clearance Dimensions

Page 4 Customer Connections

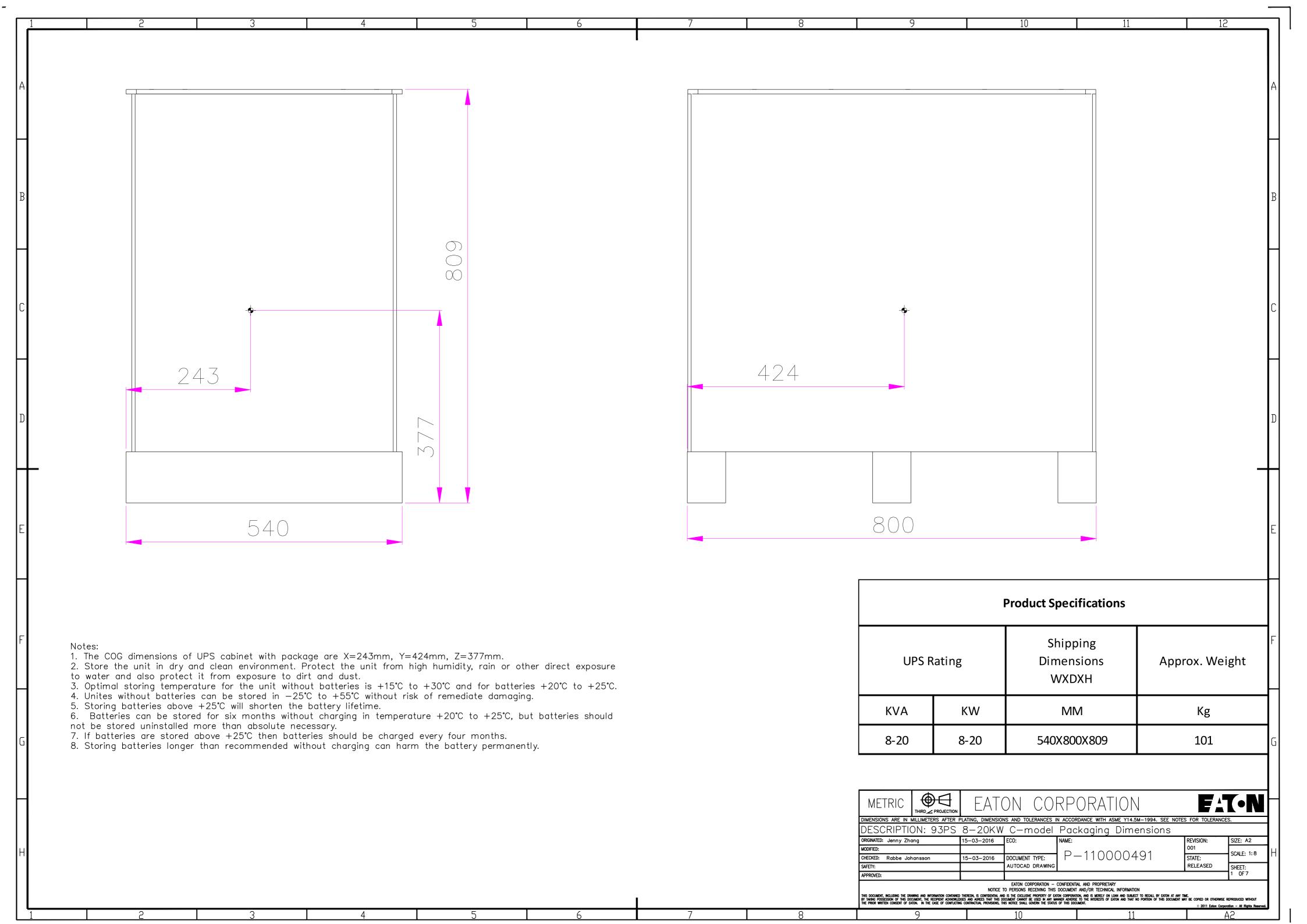
Page 5 Electrical Wiring of Single Unit

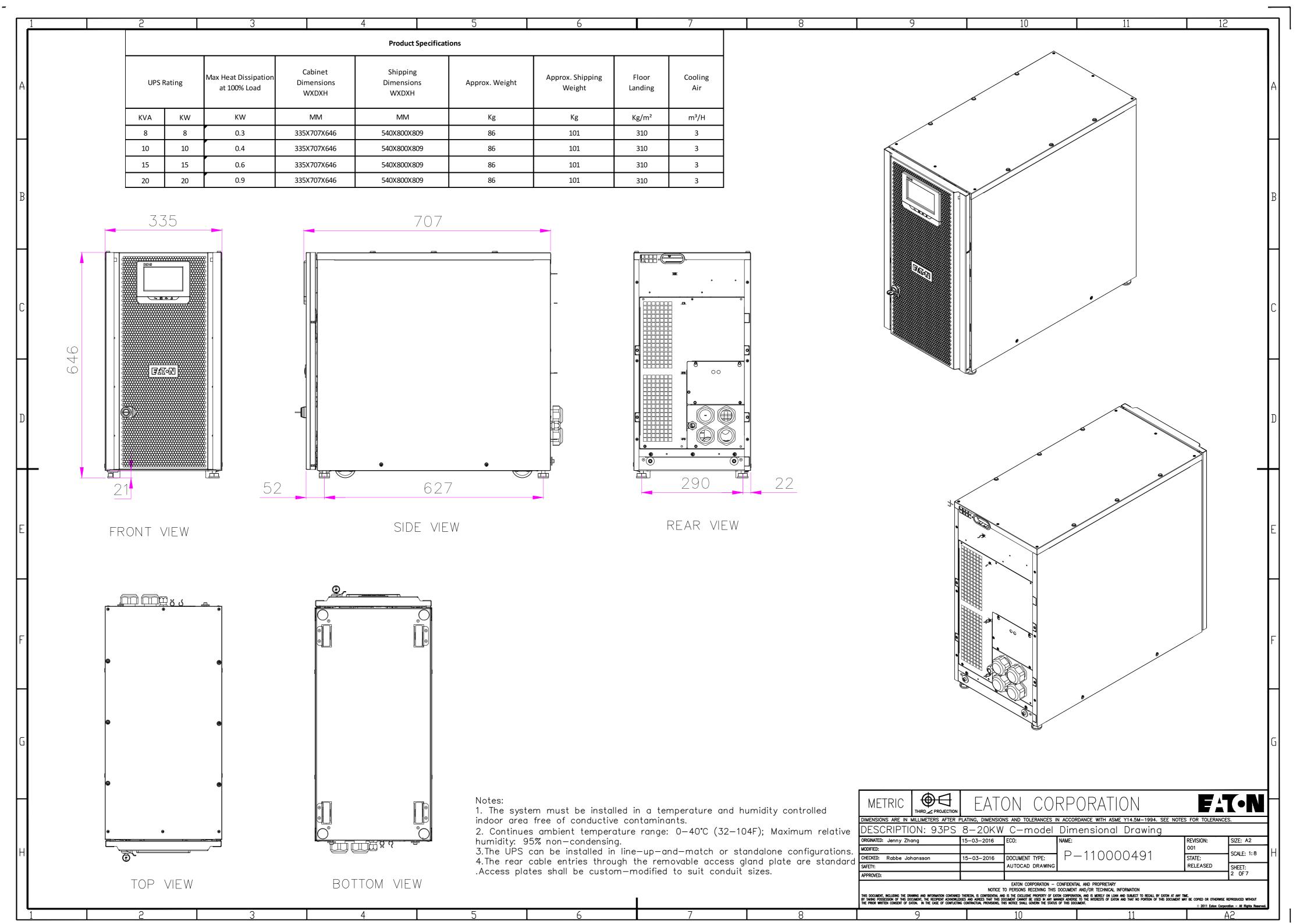
Page 6 Electrical & Signal Wiring of Parallel Units

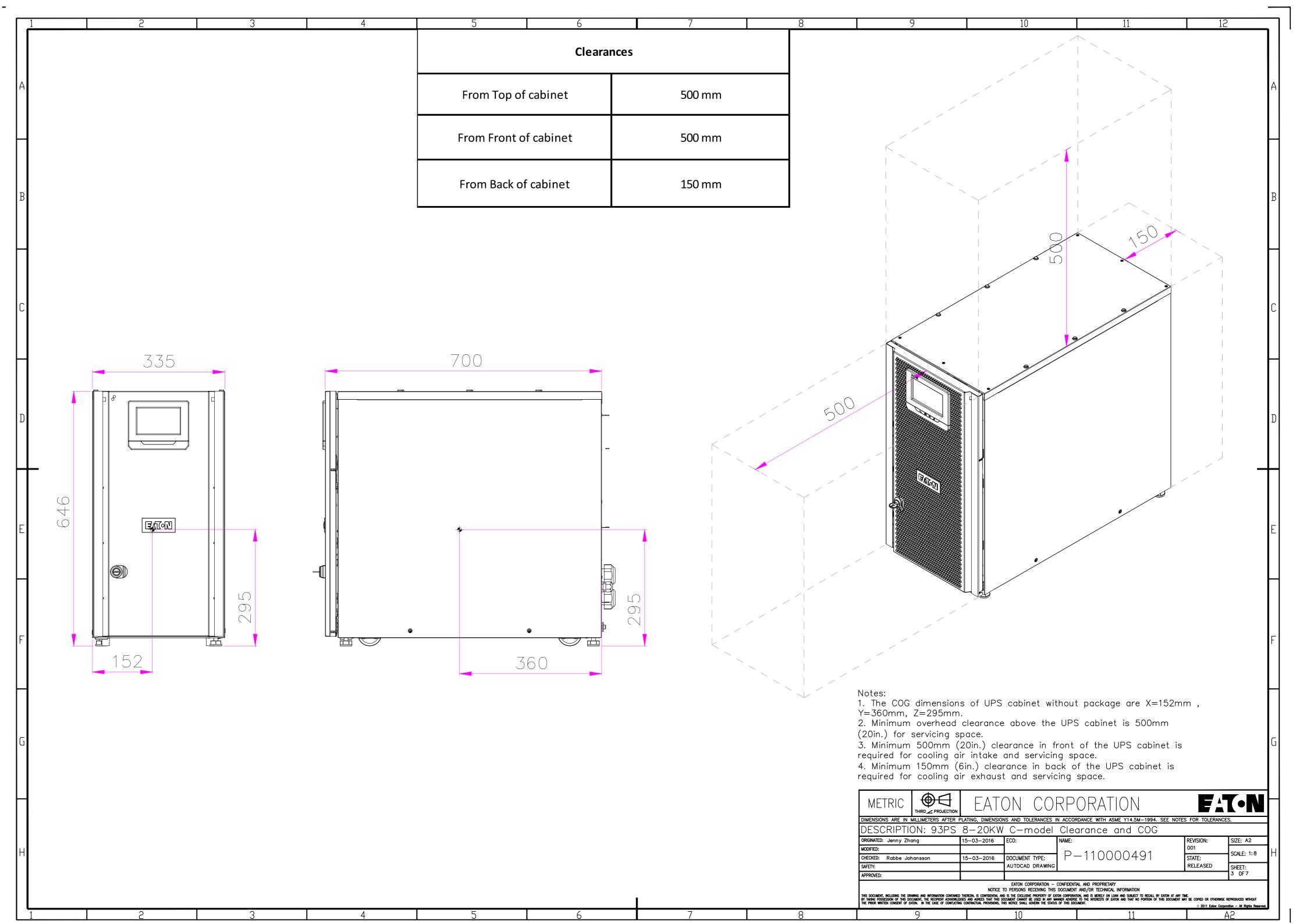
Page 7 Product Specifications

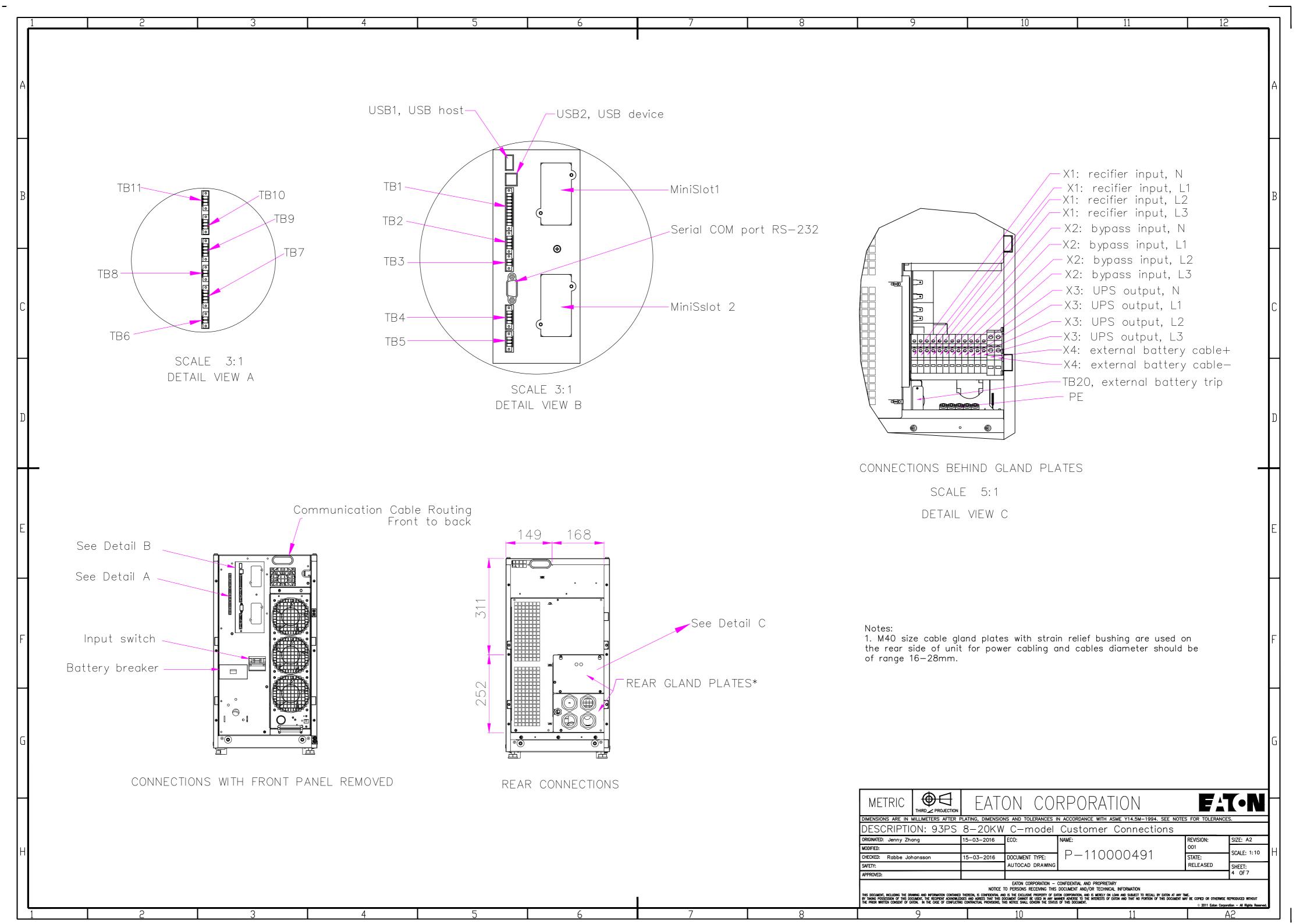


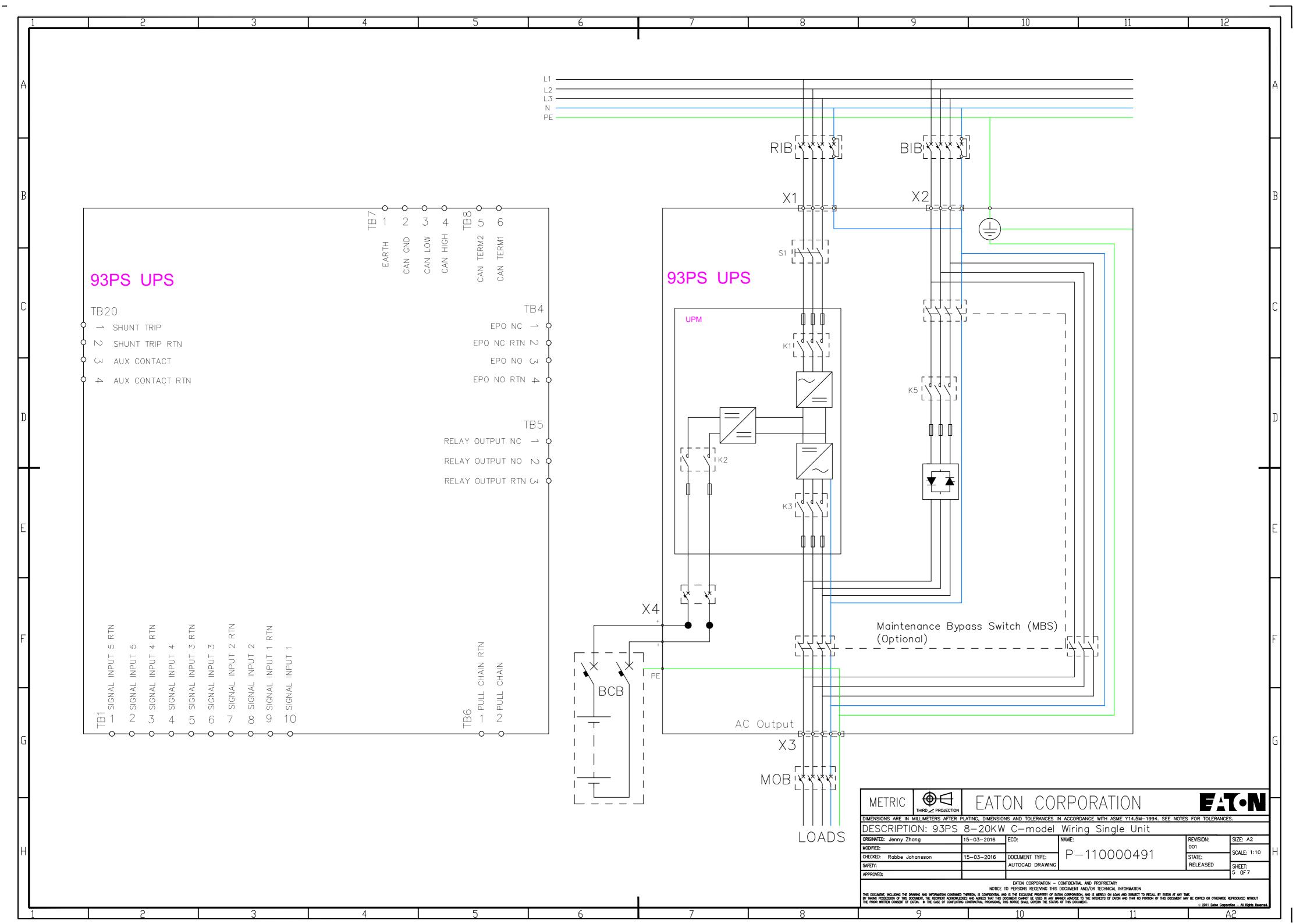
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DESCRIPTION	ON: 93PS	8-20KW	/ C-model							
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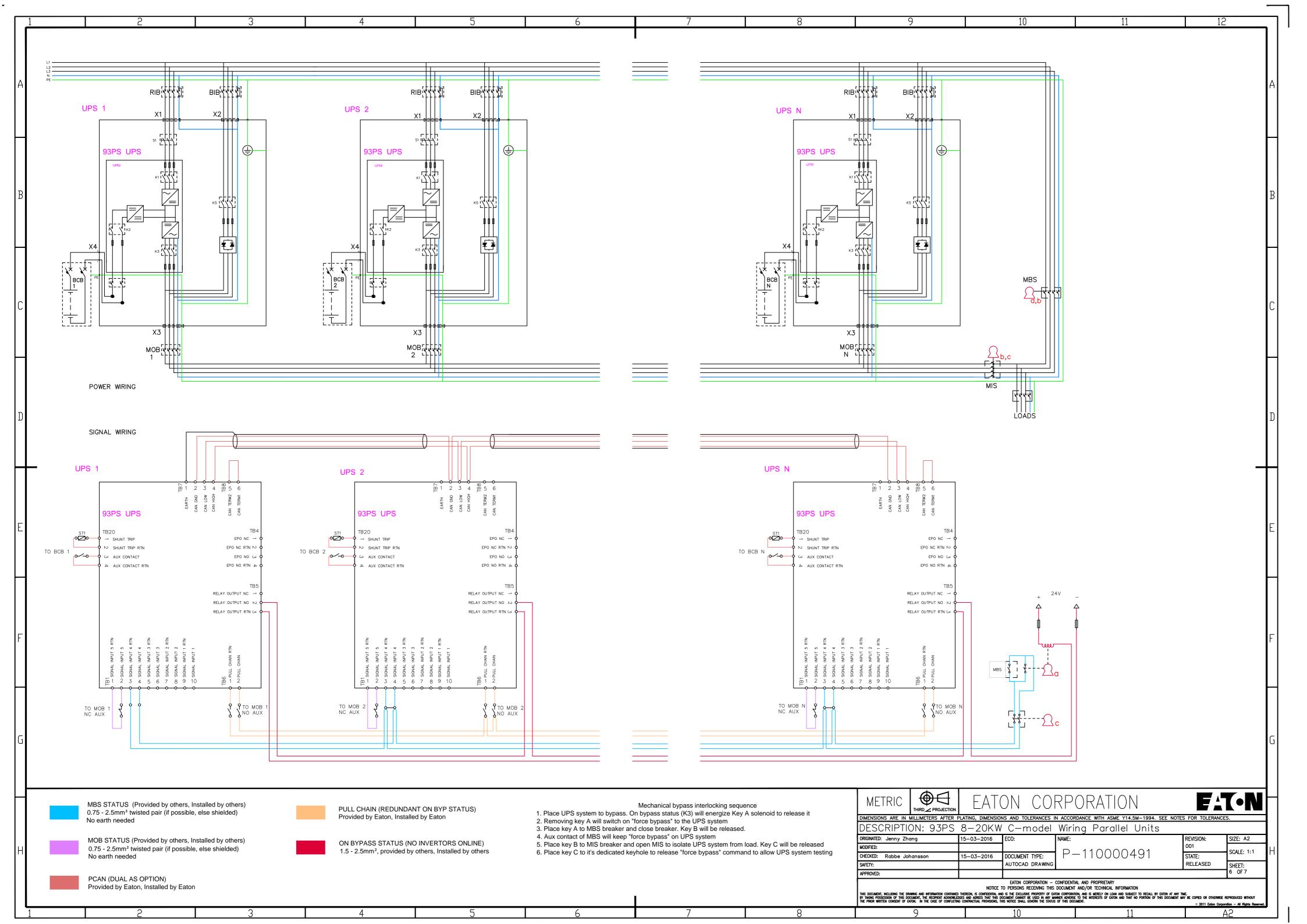












93PS 8-20KW C-model UPS Site Planning Data

									Product Spo	ecifications									
		Rectifie		3P+Bolted N Rectifier Input Breaker (RIB) 3P+Bolted N Bypass Input Breaker (BIB)			4P Inverter AC output Breaker MOB			Battery Breaker (BCB) (Ratings at the end of discharge, 1.67VPC)					For Single Unit Maintenance Bypass Switch (MBS)	Common M Bypass	llel Units Naintenance Switch 1BS)		
UPS F	UPS Rating AC Input		Nominal Current	Maximum Current	Nominal Current at 400v Input	Maximum Current at 15% under voltage	Integrated Bypass Fuse	AC Output	Output Current	Inverter Short Circuit Current	Auxiliary Switches	Rating	Separate Battery Configration (UPM Bttery)	Common Battery Configration (UPSBattery)		,	Rating	Rating	Auxiliary Switches
KVA	KW	v	Α	А	Α	А	Туре	v	Α	A / 300ms	Qty	VDC	А	А	VDC	Qty	А	А	Qty
8	8	400	12	18	12	17	160 FEE	400	12	72	2	500	NA	63	24	1	12	12 x N	1
10	10	400	15	22	15	21	160 FEE	400	15	72	2	500	NA	63	24	1	15	15 x N	1
15	15	400	23	29	22	32	160 FEE	400	22	72	2	500	NA	63	24	1	22	22 x N	1
20	20	400	30	38	29	42	160 FEE	400	29	72	2	500	NA	63	24	1	29	22 x N	1

Minimum recommended cable and fuse sizes											
UPS RATING KW	Cable [mm²]	Rectifier Fuse [A]	Bypass Fuse [A]	PE Cable [mm²]	POS. & NEG. Line [mm²]	Battery Fuse [A]	EX BATT PE Cable [mm²]				
8	4*2.5	16	16	1*6	1*16	63	1*16				
10	4*4	20	20	1*6	1*16	63	1*16				
15	4*10	32	32	1*10	1*16	63	1*16				
20	4*10	40	40	1*10	1*16	63	1*16				

Notes

- 1. Rectifier AC input current calculations: Nominal 100% load without charging; Maximum 100% load with maximum charging (Rectifier current limit).
- 2. Inverter AC output current calculation: At 100% rated output load.
- 3. The system must be installed on a level floor suitable for computer or electronic equipment.
- 4. All wiring and installations must be in accordance with applicable National and Local Electric Regulations.
- 5. AC input to UPS: (3) phases, (1) neutral, (1) ground.
 - AC output to load: (3) phases, (1) neutral, (1) ground.
 - DC input from battery to UPS: (1) positive, (1) negative, (1) ground.
- 6. All breakers should be adjusted according to the specified Ampere values to protect the UPS and installation.
- 7. For UPS installation that utilizes single feed input, The input breaker should be configured according to the rated rectifier input current.
- 8. Cable sizing is based on the standard IEC 60364-5-52 and IEC 60364-5-54. The sizing is for 70°C rated copper cables.
- 9. Specifications are subject to change.

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