

SITE PLANNING DATA 93E 40KVA

Page 2 Dimensional Drawings

Page 3 COG and Clearance Dimensions

Page 4 Customer Connections

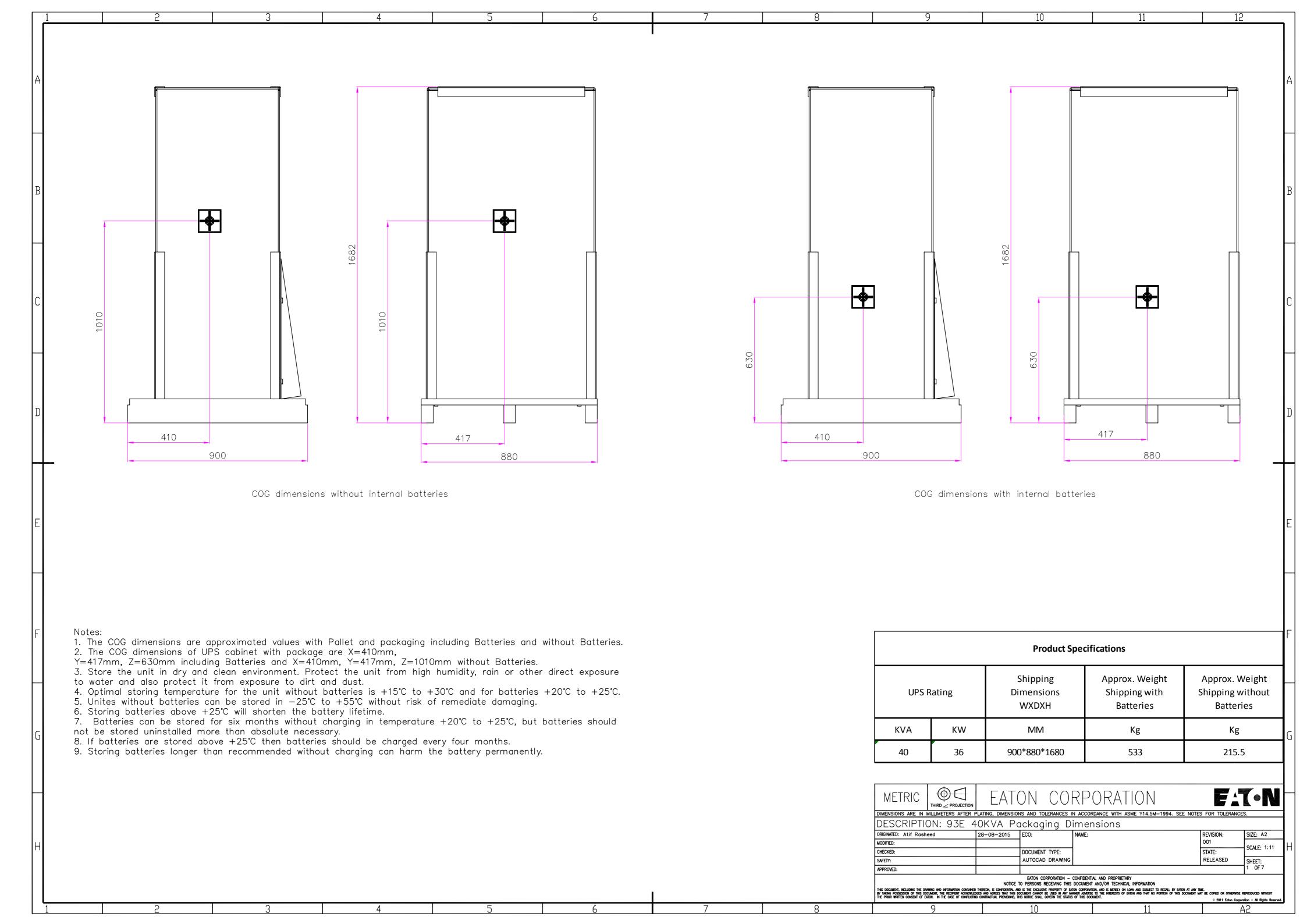
Page 5 Electrical Wiring of Single Unit

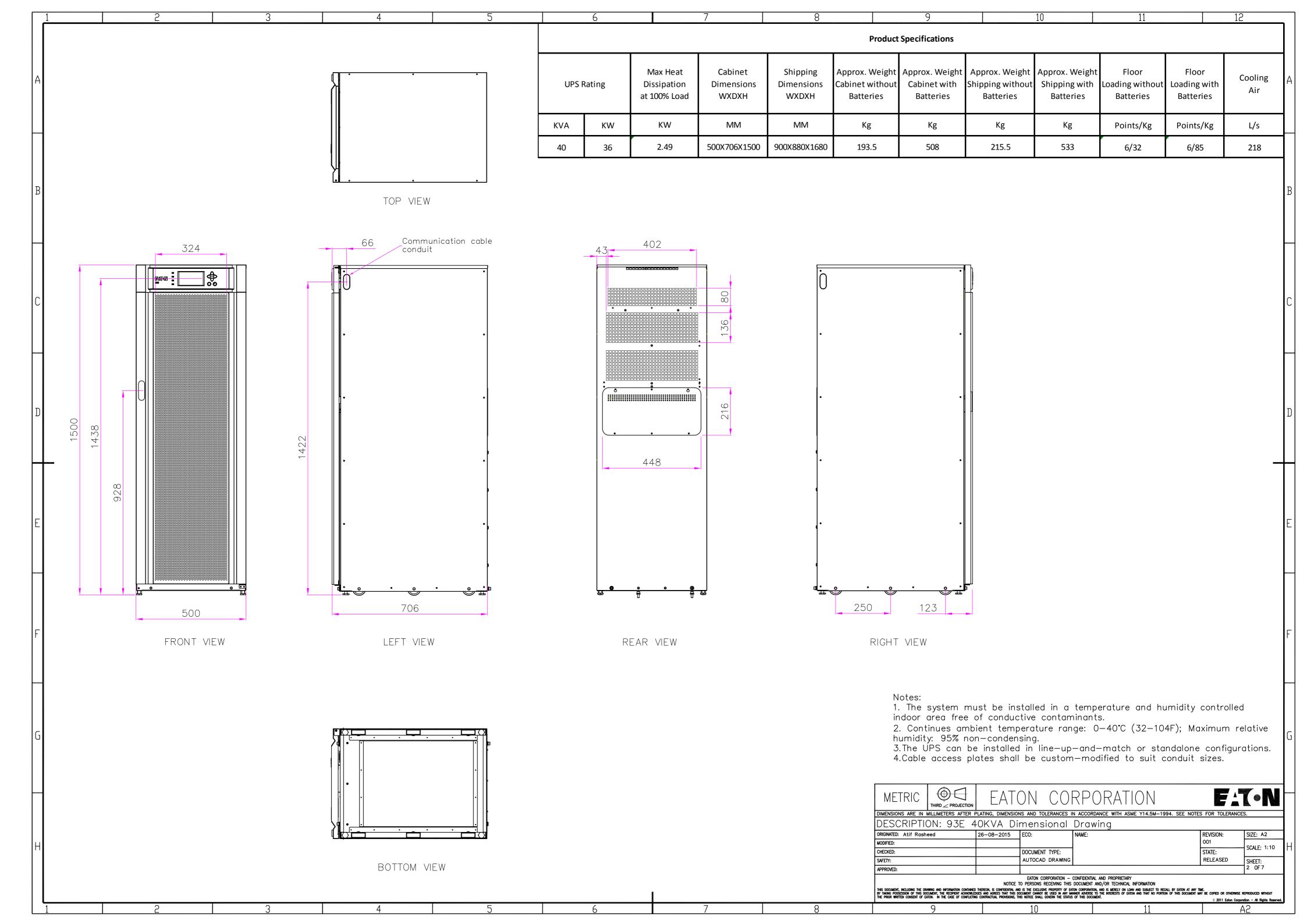
Page 6 Electrical & Signal Wiring of Parallel Units

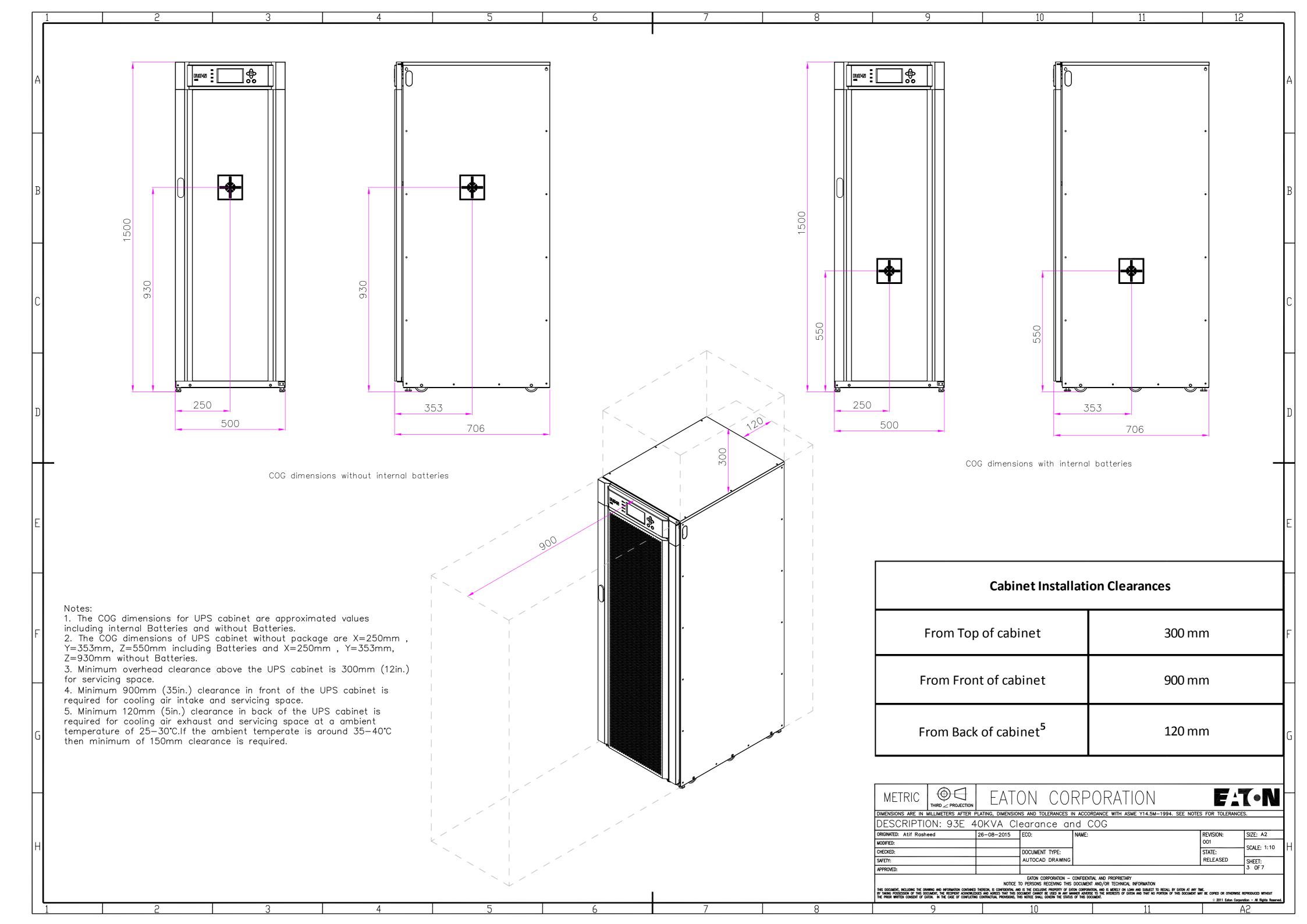
Page 7 Product Specifications

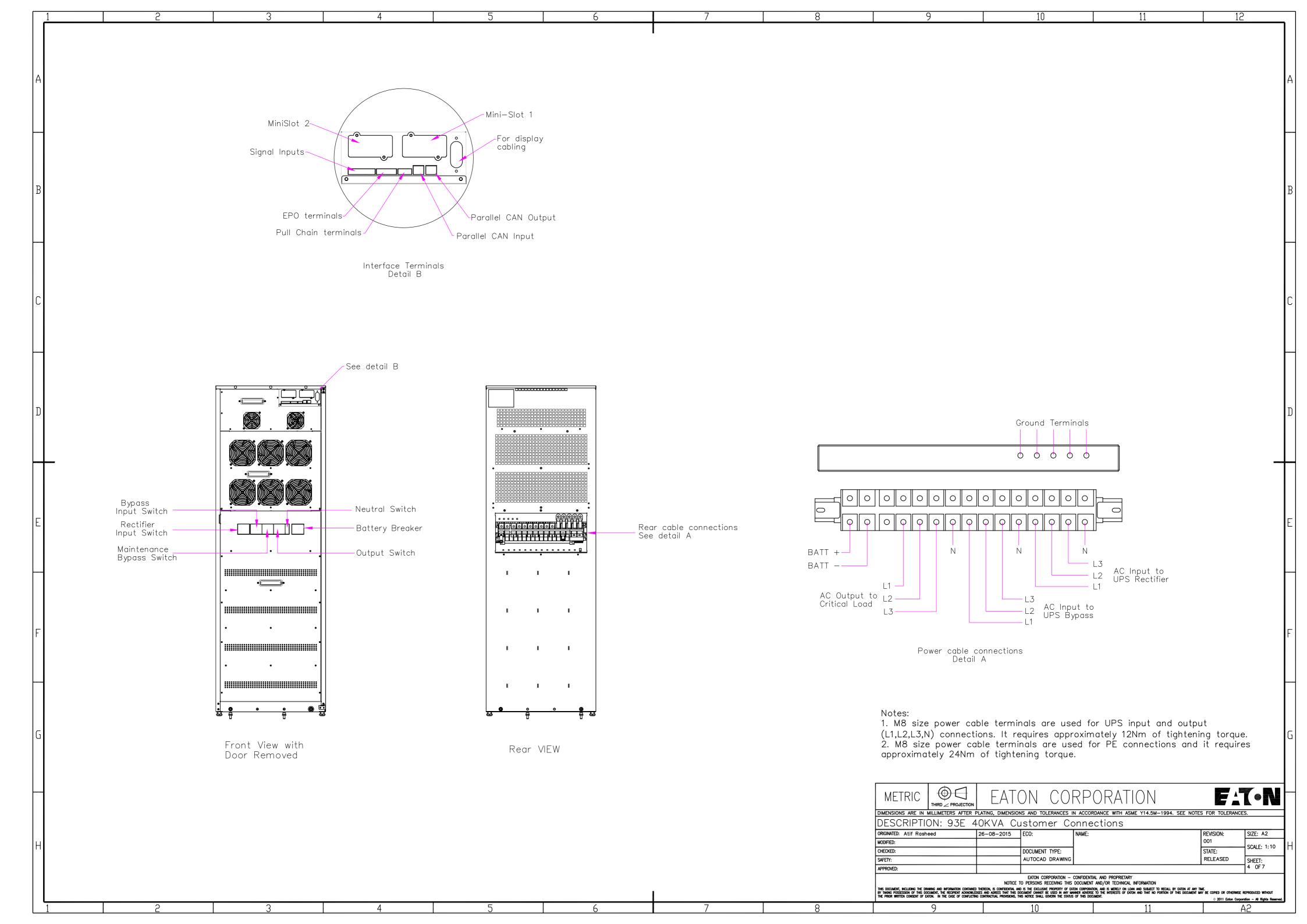


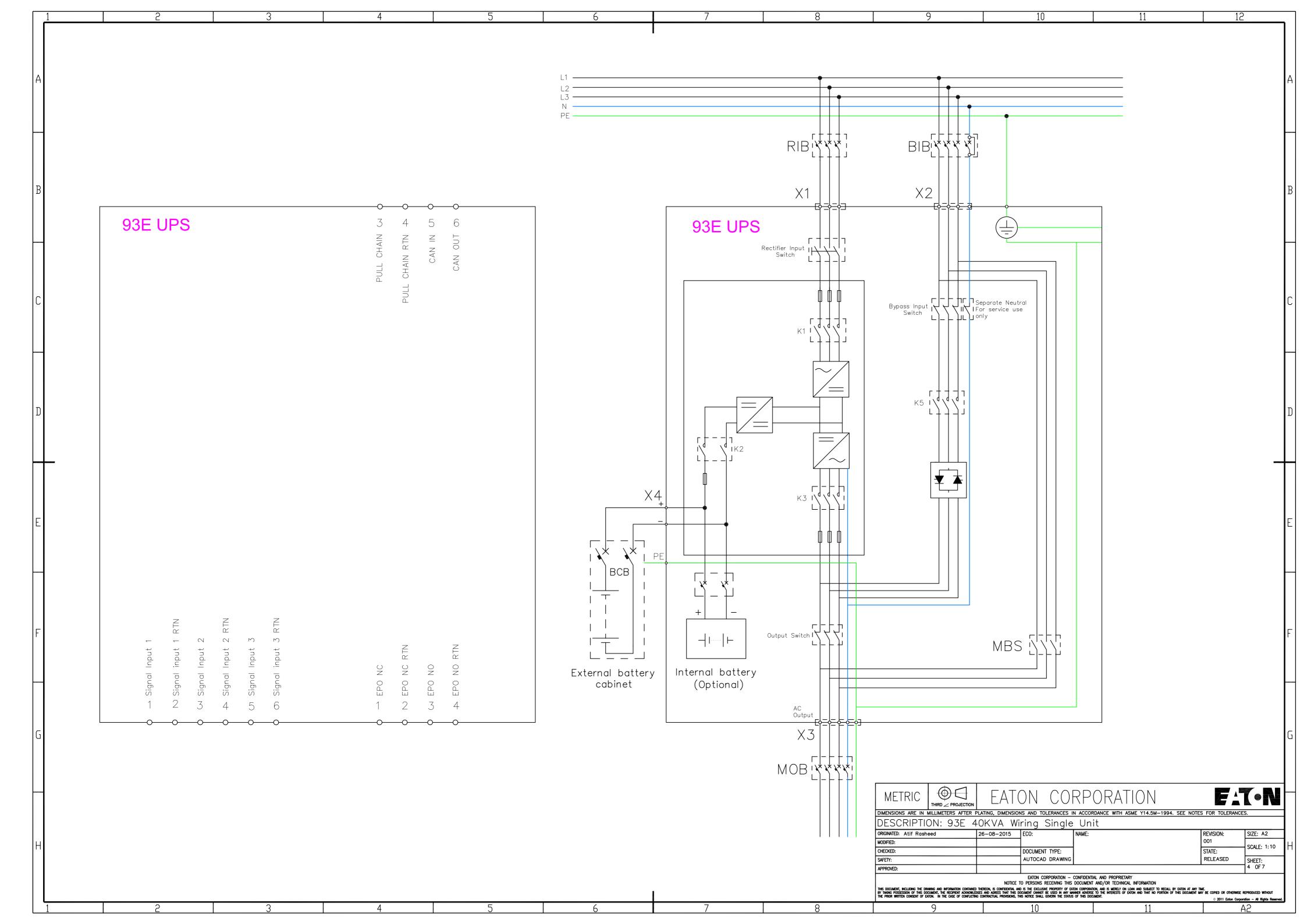
							i				
METRIC	THIRD \angle PROJECTION	EAT	ON CO	RPORATION		T•R					
DIMENSIONS ARE IN I	DIMENSIONS ARE IN MILLIMETERS AFTER PLATING, DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994. SEE NOTES FOR TOLERANCES.										
DESCRIPTION: 93E 40KVA											
ORIGINATED: Atif Rosheed 28-08-20			ECO:	NAME:	REVISION:	SIZE: A2	i I				
MODIFIED:					001	SCALE: 1:1	ш				
CHECKED:			DOCUMENT TYPE:		STATE:	JUALE: 1.1	l''				
SAFETY:			AUTOCAD DRAWING		RELEASED	SHEET:					
APPROVED:						OF					
EATON CORPORATION — CONDIDENTIAL AND PROPRIETARY NOTICE TO PERSONS RECEIVING THIS DOCUMENT AND/OR TECHNICAL INFORMATION											
THE COLUMNITY, ROLLIGATOR THE DYMINES AND A PROTECTION CONTINUED THE COLUMNITY CONTINUED AND A SECURITY OF STREET CONTINUED AND A SECURITY CONTINUED AND A S											

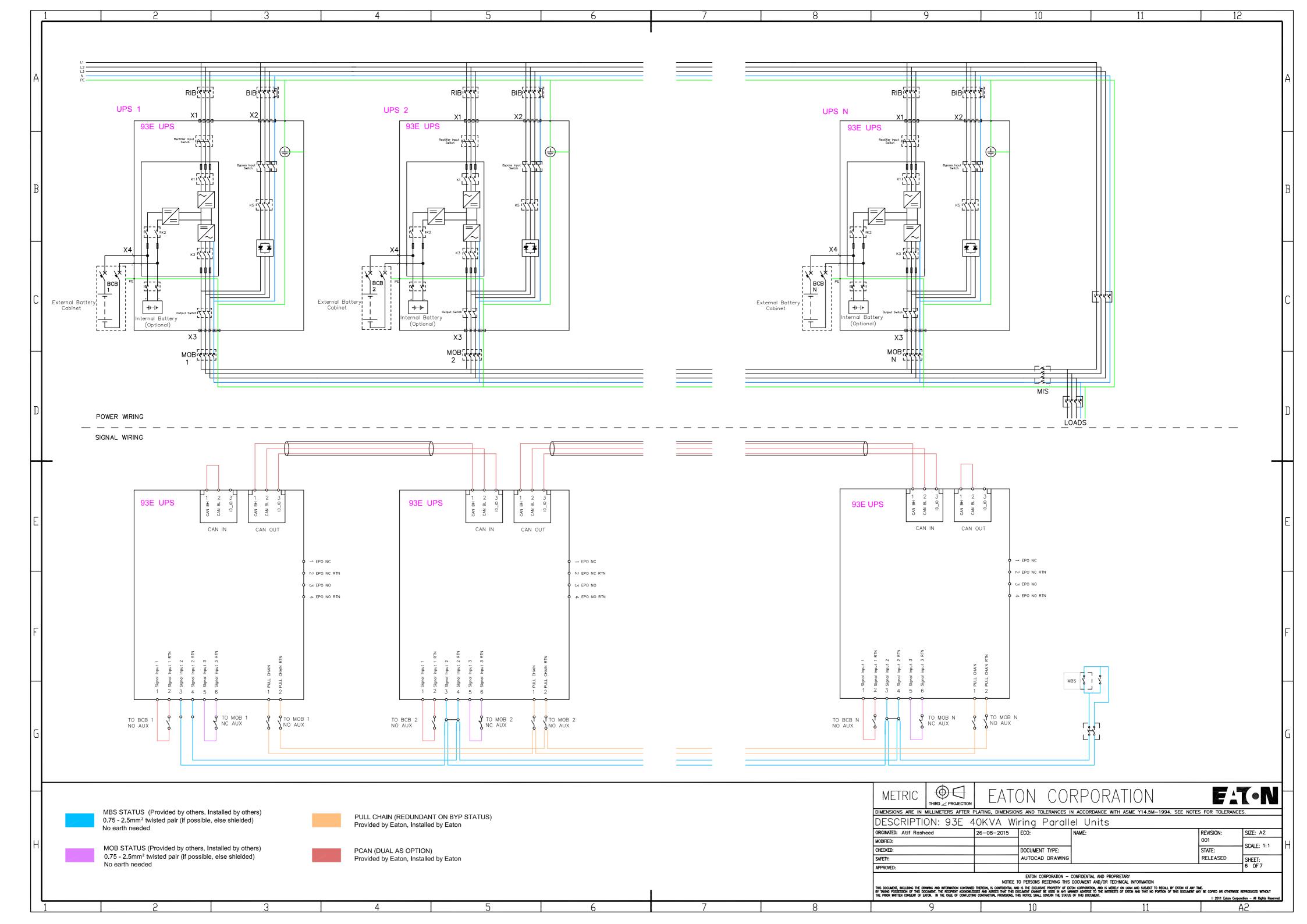












93E 40KVA UPS Site Planning Data

	Product Specifications																
UPS Rating AC In		3P Rectifier Input Breaker (RIB) 3P+Bolted N Bypass Input Breaker (BIB)			4	P Inverter AC o	AC output Breaker MOB (Rating		Battery Breaker (BCB) (Ratings at the end of discharge, 1.67VPC) (32 Blocks)		For Single Unit Maintenance Bypass Switch (MBS)	For Parallel Units Common Maintenance Bypass Switch (MBS)					
	AC Input	Nominal Current	Maximum Current		Maximum Current at 15% under voltage	AC Output	Output Current	Inverter Short	Circuit Current	Auxiliary Switches	Rating	Battery end of discharge Current	Auxiliary Switches	Rating	Rating	Auxiliary Switches	
KVA	KW	v	А	А	А	А	V	А	A / 0100ms	A / 100160ms	Qty	VDC	А	Qty	А	А	Qty
40	36	400	61	68	58	66	400	58	130	67	1	500	122	1	58	58 x N	1

Minimum recommended cable and fuse sizes										Recharge current	
UPS RATING KVA	Rectifier Input Cable [mm²] (3P)	Rectifier Fuse [A]	Bypass Input Cable [mm²] (3P+N)	Bypass Fuse [A]	UPS Output Cable [mm²] (3P+N)	Output Fuse [A]	POS. & NEG. Line [mm²]	Battery Fuse [A]	PE Cable [mm²]	Default Recharge Current [A]	Maximum Recharge Current [A]
40	1 x 25	80	1 x 16	63	1 x 16	63	1 x 35	125	1 x 16	10,6	10,6

- 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.
- 8. Specifications are subject to change.

METRIC	THIRD ∠ PROJECTION	EAT(ON COL	RPORATION							
DIMENSIONS ARE IN MILLIMETERS AFTER PLATING, DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994. SEE NOTES FOR TOLERANCES.											
DESCRIPTION: 93E 40KVA Specifications											
ORIGINATED: Atif Rasheed		26-08-2015	ECO:	NAME:	REVISION:	SIZE: A2					
MODIFIED:					001	SCALE: 1:1	Ш				
CHECKED:			DOCUMENT TYPE:		STATE:	SCALE: 1.1	_]'				
SAFETY:			AUTOCAD DRAWING		RELEASED	SHEET:	ĺ				
APPROVED:						7 OF 7					
EATON CORPORATION — CONFIDENTIAL AND PROPRIETARY NOTICE TO PERSONS RECEIVING THIS DOCUMENT AND/OR TECHNICAL INFORMATION THIS DOCUMENT, INCLIDING THE DRAWING AND INFORMATION CONTAINED THEREON, IS CONFIDENTIAL AND IS THE EXCUSING PROPERTY OF EATON CORPORATION, AND IS INBELY ON LOWN AND SUBJECT TO RECALL BY EATON AT ANY TIME. BY TAKING POSSESSION OF THIS DOCUMENT, THE RECIPIENT ACKNOWLEDGES AND AGREES THAT THIS DOCUMENT CONNOT BE USED IN ANY WANNER PROPERTY OF THE INTERESTS OF EATON AND THAT NO PORTION OF THIS DOCUMENT MAY BE COPIED OR OTHERWISE REPRODUCED WITHOUT											
THE PRIOR WATTEN CONSIDER OF CASH IN THE CASE OF CONFLICTING CONFIDENCE SHALL CONCERN THE STATUS OF THIS DOCUMENT.											