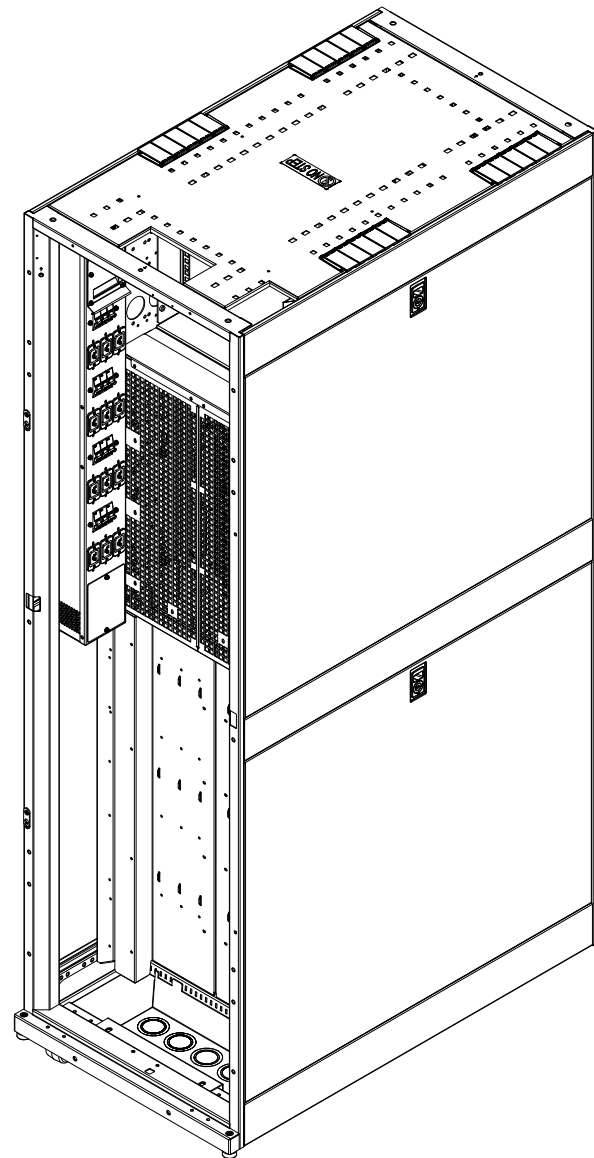


FRONT



REAR

ISOMETRIC VIEWS (WITHOUT FRONT AND REAR DOORS)

NOTES:

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2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS.

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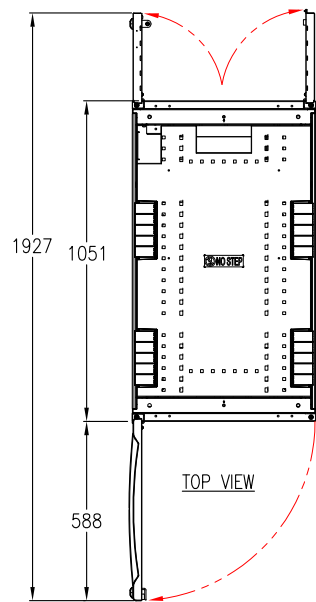
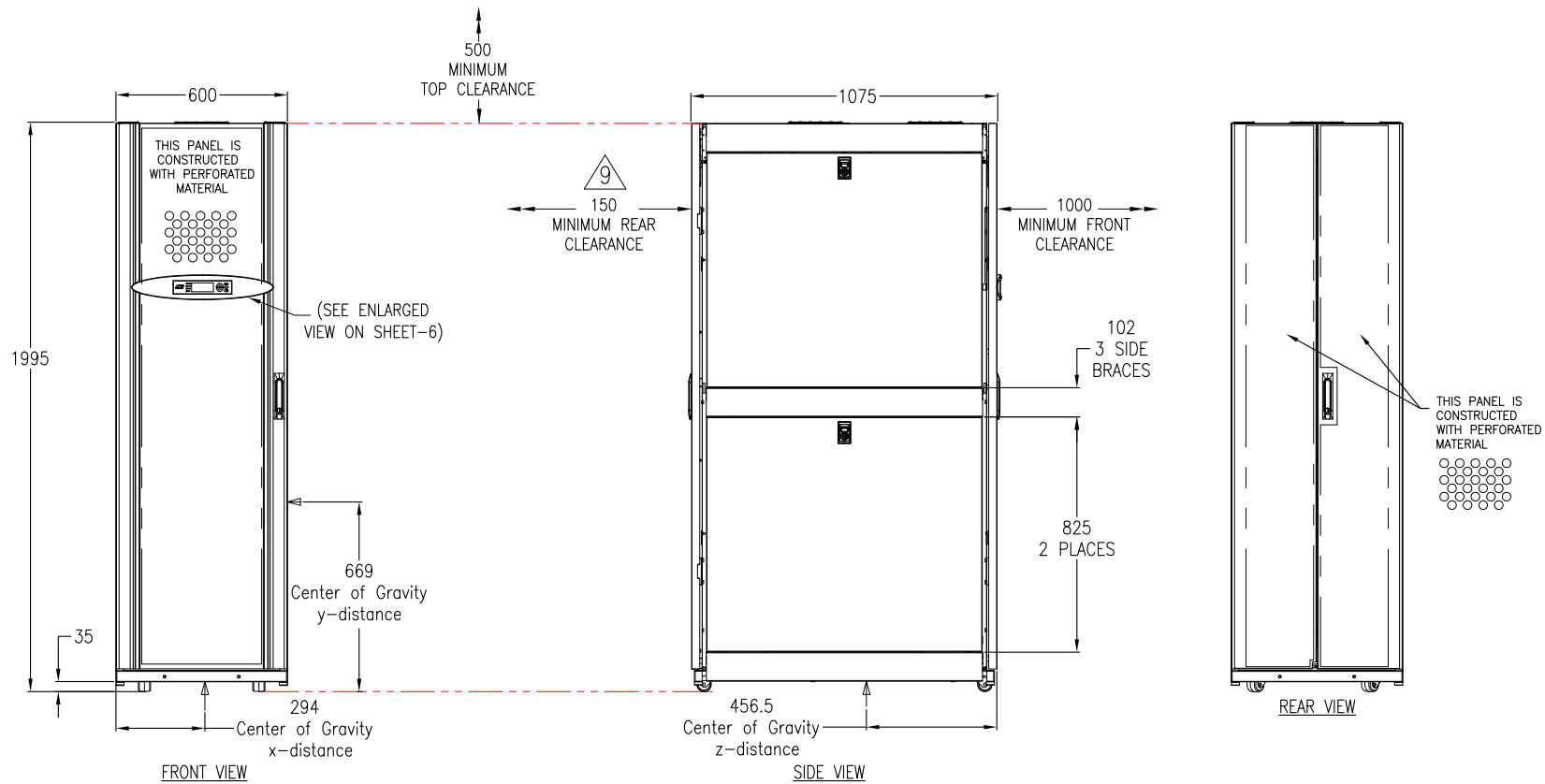


TITLE: Smart-UPS VT RACK MOUNTED
 INPUT: 400V 3ø
 OUTPUT: 400V 3ø 40kVA WITH PDU
 4 BATTERY MODULES EXP. TO 5
 ISOMETRIC VIEW

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 8

DWG NO: SUVTR40KH4B5S-MM1
 DRAWN: V BUSH 25-MAY-10
 ENGINEER: P BONDE/A WARNER 25-MAY-10
 APPROVED: C LARSEN/S WAGH/F DIOSA 25-MAY-10

REV. 1
 FIRST ANGLE PROJ



RUN-TIME CHART AT 0.8 PF

BATTERY POSITION	NUMBER OF BATTERY MODULES	RUN-TIME IN MINUTES
SUVTR40KH4B5S	4	6
SUVTR40KH4B5S+(1)SYBT4	5	9
SUVTR40KH4B5S+(1)SYBT4+(1)SUVTBXR2B6S	7	15
SUVTR40KH4B5S+(1)SYBT4+(1)SUVTBXR2B6S+(1)SYTB4	8	19
SUVTR40KH4B5S+(1)SYBT4+(1)SUVTBXR2B6S+(2)SYTB4	9	22
SUVTR40KH4B5S+(1)SYBT4+(1)SUVTBXR2B6S+(3)SYTB4	10	25
SUVTR40KH4B5S+(1)SYBT4+(1)SUVTBXR6B6S	11	29
SUVTR40KH4B5S+(1)SYBT4+(2)SUVTBXR6B6S	17	51
SUVTR40KH4B5S+(1)SYBT4+(3)SUVTBXR6B6S	23	75
SUVTR40KH4B5S+(1)SYBT4+(4)SUVTBXR6B6S	29	100

NOTES:

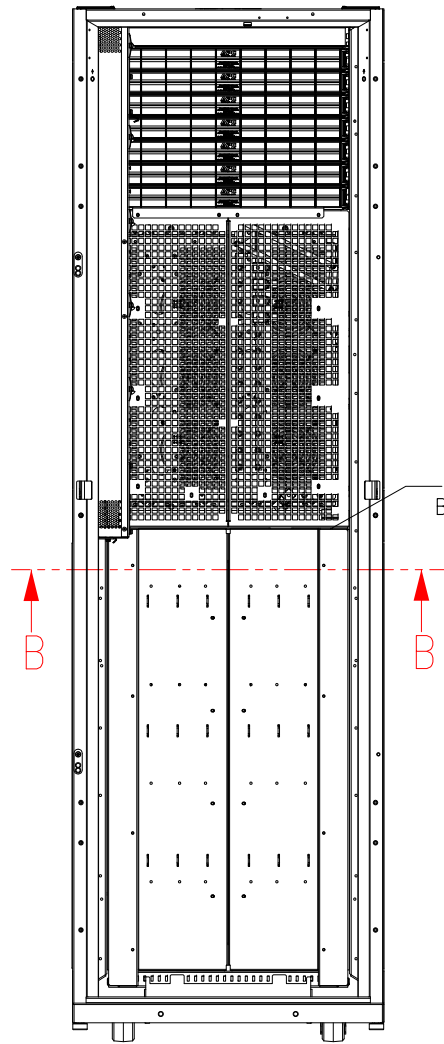
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
4. WEIGHT OF UNIT IS 716 kg.
5. CABLE ENTRY IS BOTTOM OR TOP OF UNIT.
6. OPTION REPRESENTED BY THIS DRAWING.
7. FRONT, REAR AND TOP SERVICE CLEARANCE REQUIRED.
8. RUNTIME CAN BE EXTENDED WITH ADDITIONAL BATTERY MODULES AND BATTERY CABINETS (SEE CHART).
9. USE FLEXIBLE CONDUIT WITH SUFFICIENT LENGTH TO ALLOW THE UNIT TO BE MOVED OUT FOR SERVICE.

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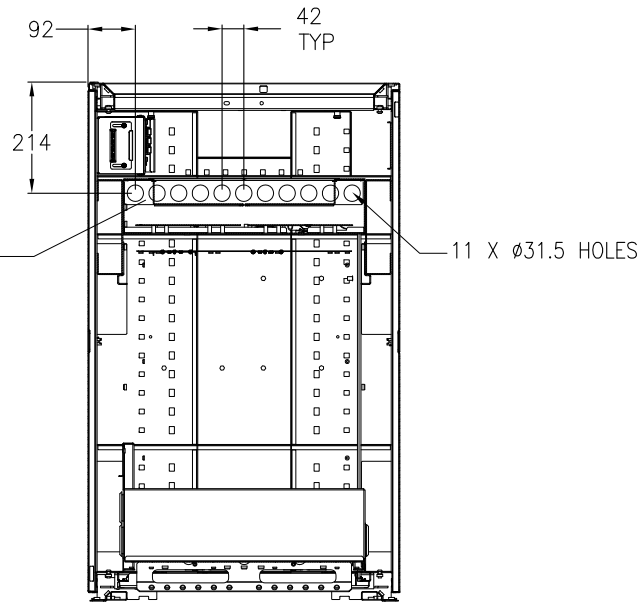


TITLE: Smart-UPS VT RACK MOUNTED
 INPUT: 400V 3ø
 OUTPUT: 400V 3ø, 40kVA WITH PDU
 4 BATTERY MODULES EXP. TO 5
 MAIN MECHANICAL

DWG NO: SUVTR40KH4B5S-MM1	REV. 1
DRAWN: V BUSH	25-MAY-10
ENGINEER: P BONDE/A WARNER	25-MAY-10
APPROVED: C LARSEN/S WAGH/F DIOSA	25-MAY-10

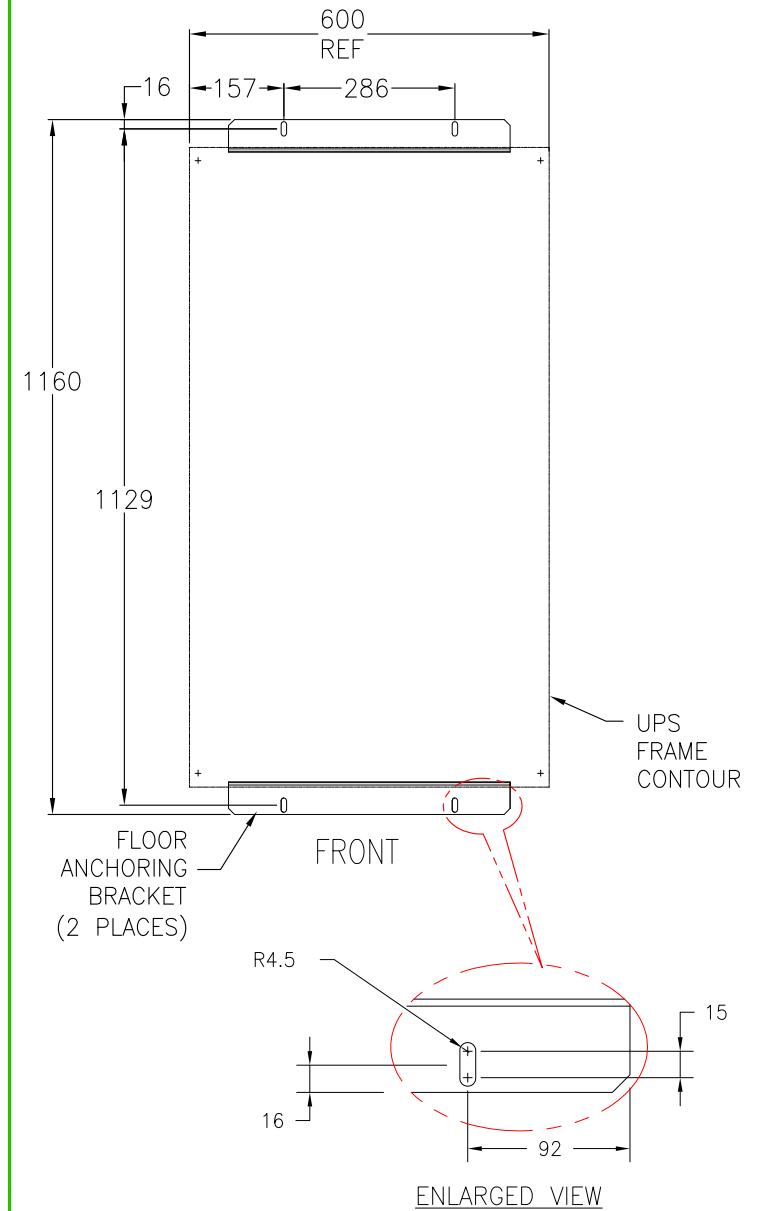


REAR VIEW (WITHOUT DOORS)



FRONT
SECTION-BB

FLOOR MOUNTING DETAILS



NOTES:

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TITLE: Smart-UPS VT RACK MOUNTED
INPUT: 400V 3ø
OUTPUT: 400V 3ø 40kVA WITH PDU
4 BATTERY MODULES EXP. TO 5
REAR AND SECTION VIEW

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 8

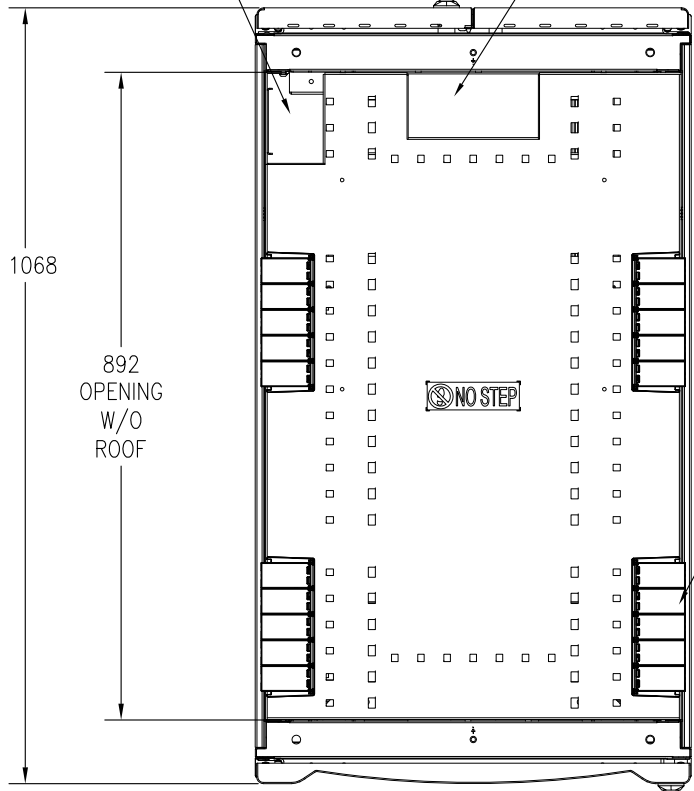
DWG NO: SUVTR40KH4B5S-MM1 REV. 1

DRAWN:	V BUSH	25-MAY-10
ENGINEER:	P BONDE/A WARNER	25-MAY-10
APPROVED:	C LARSEN/S WAGH/F DIOSA	25-MAY-10

FIRST ANGLE PROJ

127 X 80 CUTOUTS FOR CABLES

182 X 90 CUTOUTS FOR CABLES



FRONT
TOP VIEW

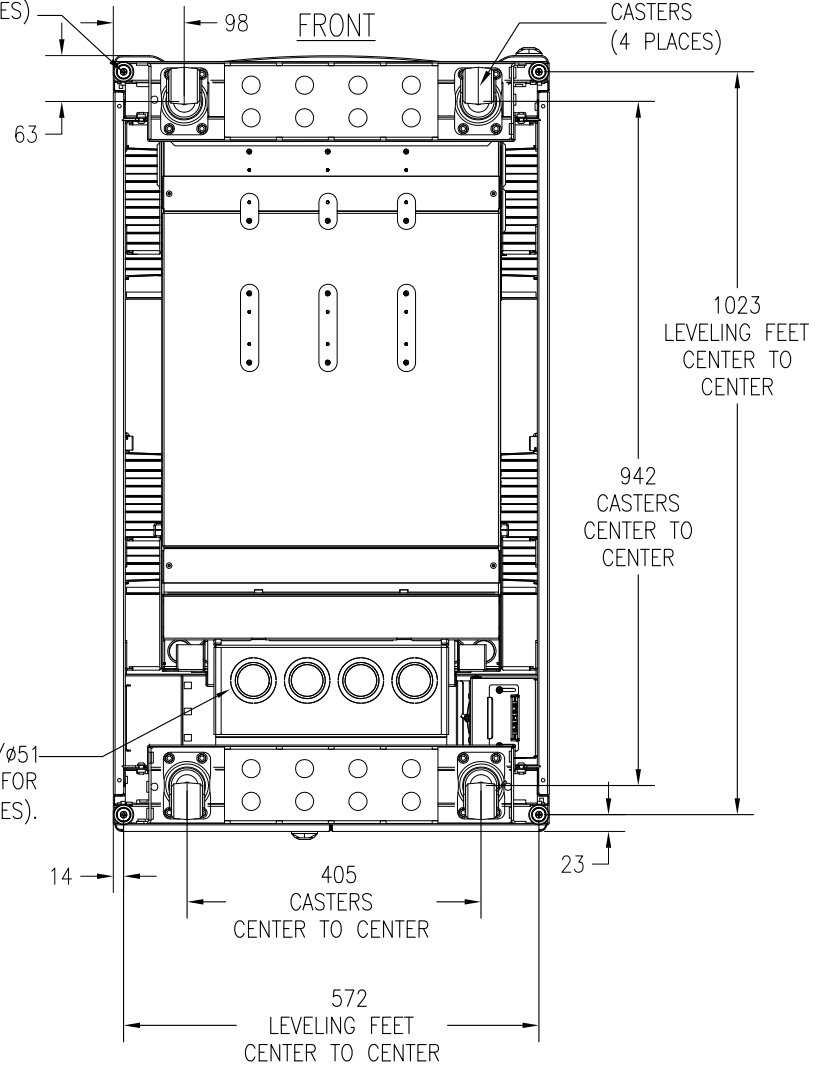
4-175 X 60 CUTOUTS FOR CABLES (WITH GROMMET CAP)

ADJUSTABLE LEVELING FEET (4 PLACES)

98

FRONT

CASTERS (4 PLACES)



BOTTOM VIEW

NOTES:

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3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
4. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

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TITLE: Smart-UPS VT RACK MOUNTED
INPUT: 400V 3ø
OUTPUT: 400V 3ø 40kVA WITH PDU
4 BATTERY MODULES EXP. TO 5
TOP AND BOTTOM VIEWS

DWG NO: SUVTR40KH4B5S-MM1

REV. 1

DRAWN: V BUSH 25-MAY-10

FIRST

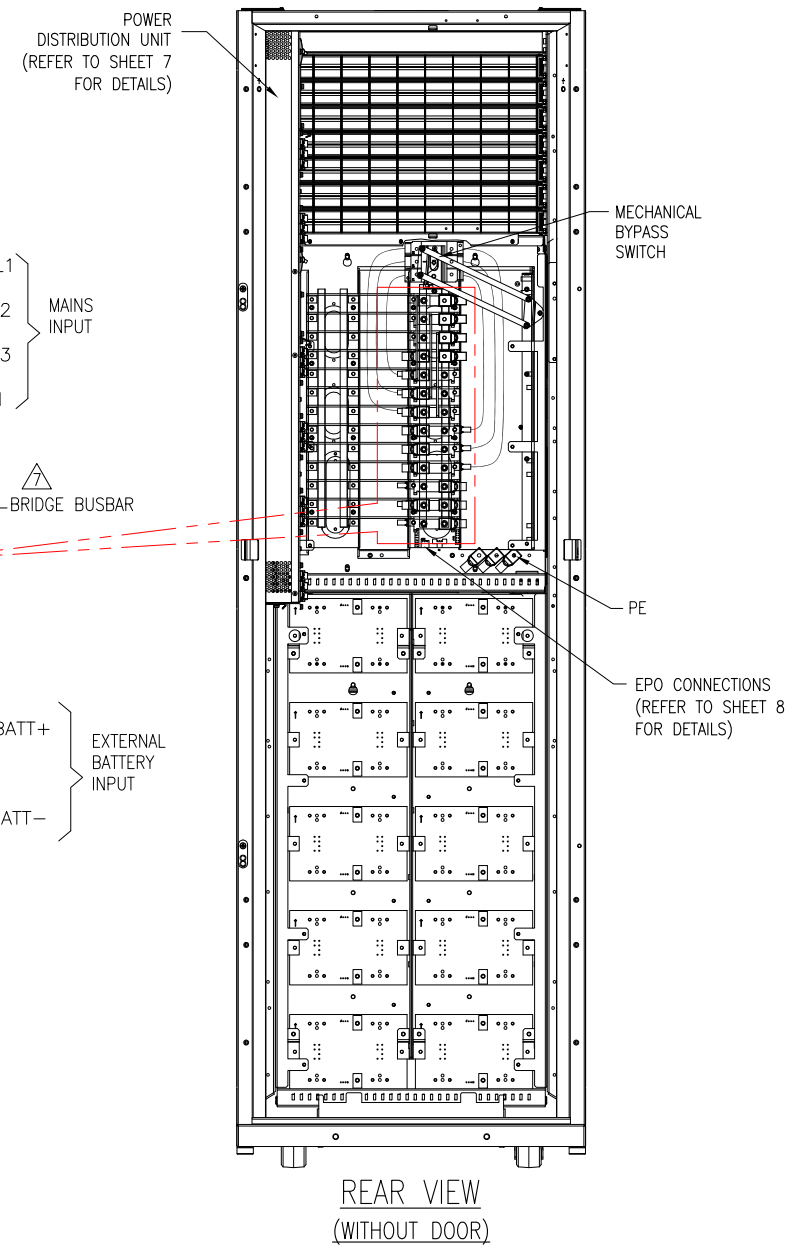
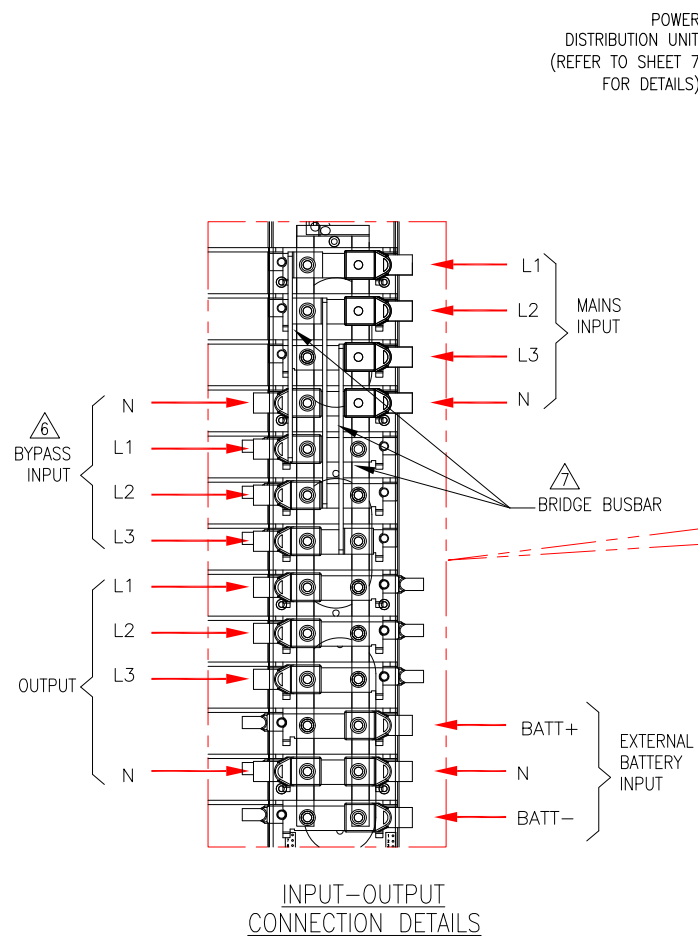
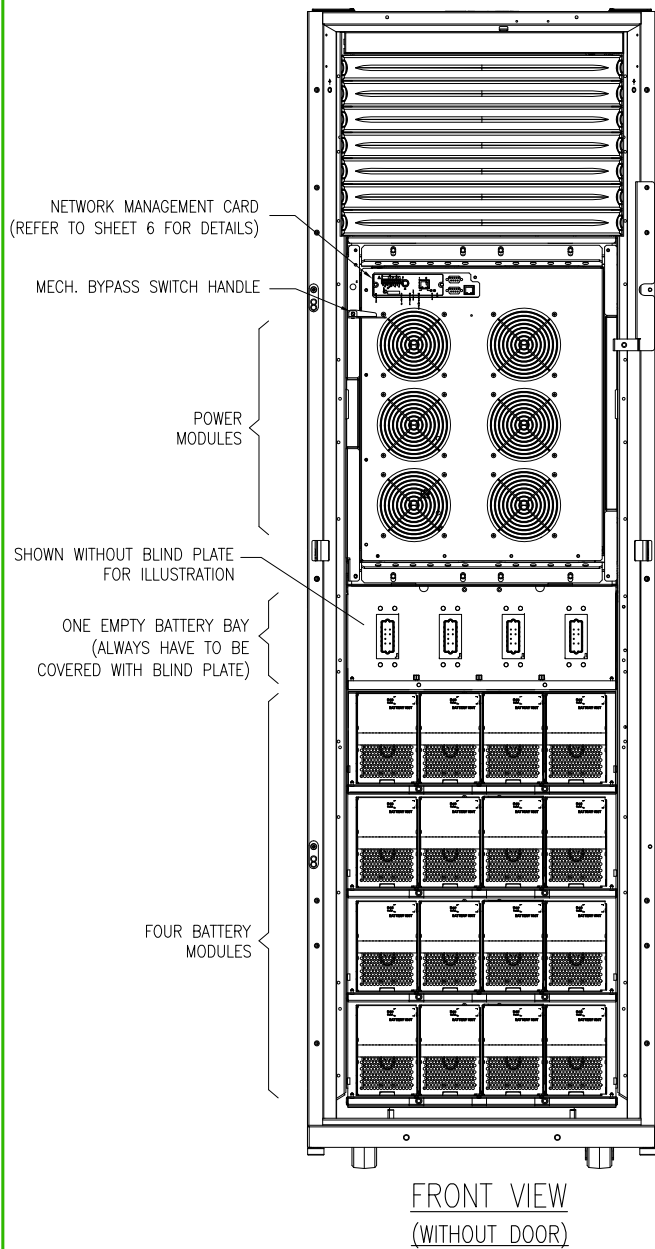
ENGINEER: P BONDE/A WARNER 25-MAY-10

ANGLE

APPROVED: C LARSEN/S WAGH/F DIOSA 25-MAY-10

PROJ

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 8



- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS.
 3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 4. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.
 5. SUTV UPS IS DESIGNED FOR SINGLE AND DUAL FEED. SINGLE FEED INSTALLATION IS A DEFAULT.
- △ 6. FOR DUAL MAINS ONLY.
 △ 7. TO BE REMOVED FOR DUAL MAINS INSTALLATION.

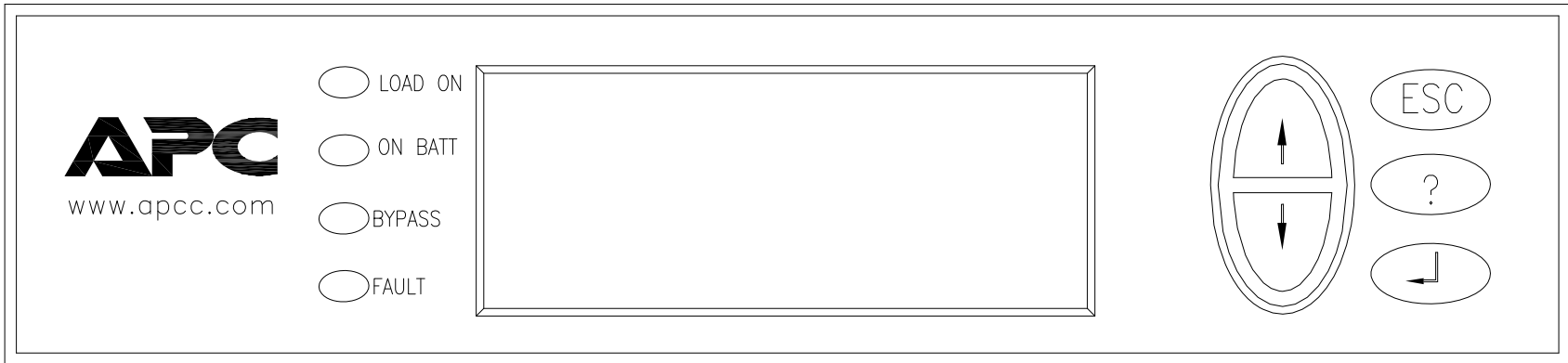
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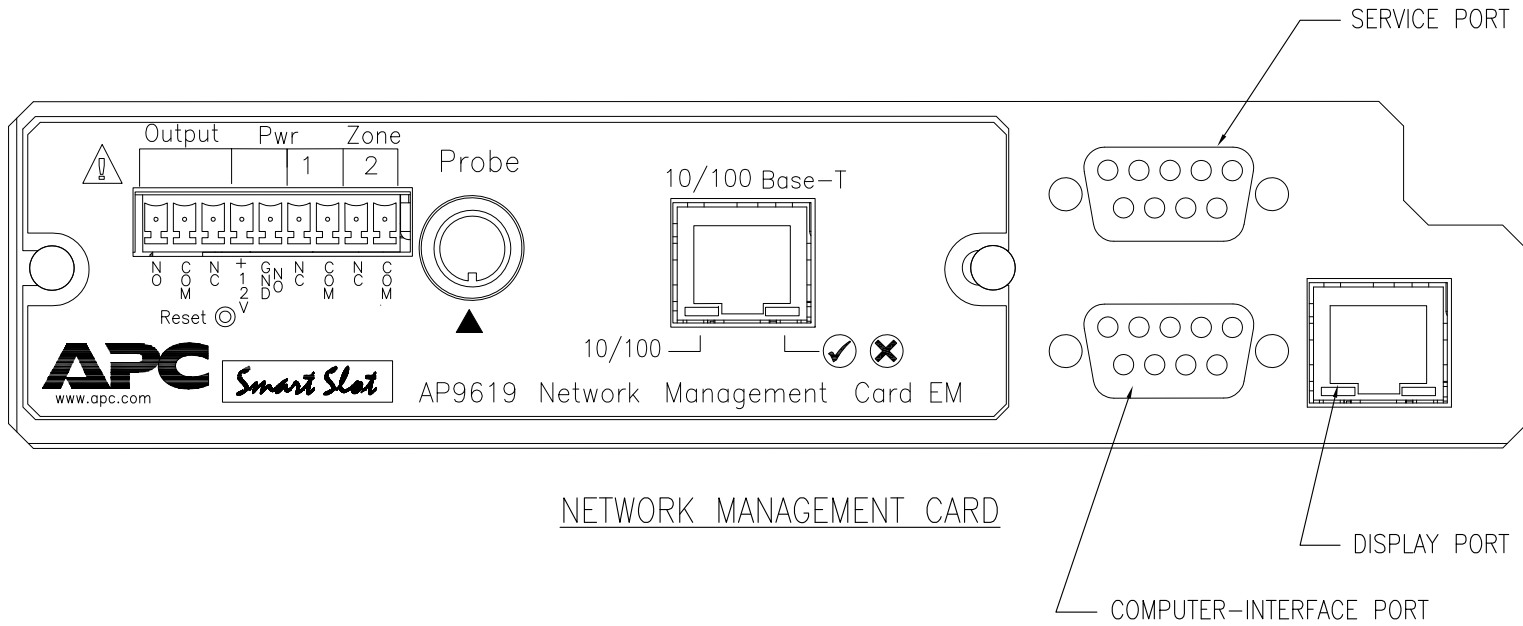
TITLE: Smart-UPS VT RACK MOUNTED
 INPUT: 400V, 3φ
 OUTPUT: 400V, 3φ, 40kVA WITH PDU
 4 BATTERY MODULES EXP. TO 5
 INTERNAL VIEWS

PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 8

DWG NO:	SUVTR40KH4B5S-MM1	REV:	1
DRAWN:	V BUSH	25-MAY-10	FIRST
ENGINEER:	P BONDE/A WARNER	25-MAY-10	ANGLE
APPROVED:	C LARSEN/S WAGH/F DIOSA	25-MAY-10	PROJ



CONTROL PANEL



NETWORK MANAGEMENT CARD

NOTES:

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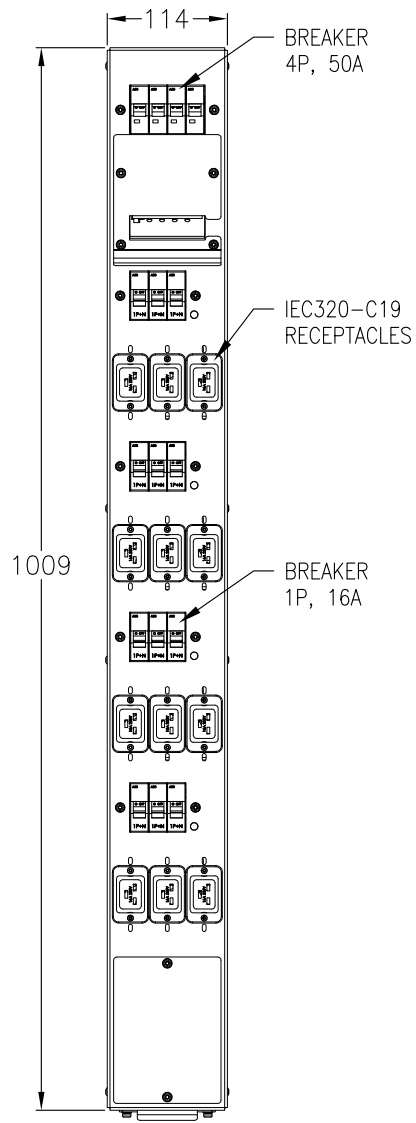


TITLE: Smart-UPS VT RACK MOUNTED
INPUT: 400V, 3ø
OUTPUT: 400V, 3ø, 40kVA WITH PDU
4 BATTERY MODULES, EXP. TO 5
CONTROL PANEL AND NMC

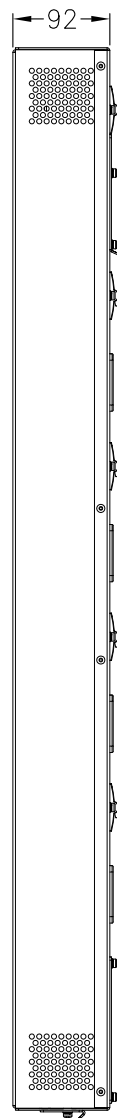
PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 8

DWG NO:	SUVTR40KH4B5S-MM1	REV.	1
DRAWN:	V BUSH	25-MAY-10	FIRST
ENGINEER:	P BONDE/A WARNER	25-MAY-10	ANGLE
APPROVED:	C LARSEN/S WAGH/F DIOSA	25-MAY-10	PROJ

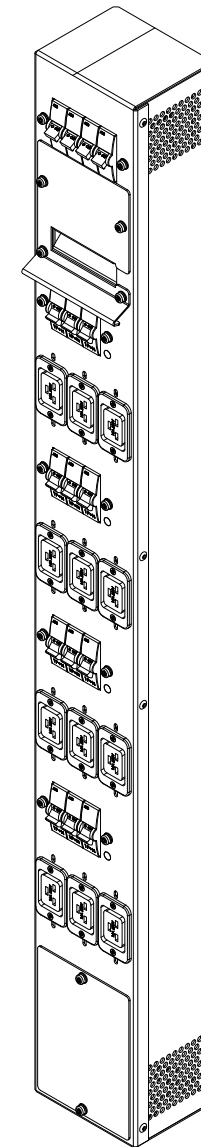
POWER DISTRIBUTION UNIT



FRONT VIEW



SIDE VIEW



ISOMETRIC VIEW

NOTES:

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Schneider
Electric

TITLE: Smart-UPS VT RACK MOUNTED
INPUT: 400V, 3ø
OUTPUT: 400V, 3ø, 40kVA WITH PDU
4 BATTERY MODULES EXP. TO 5
POWER DISTRIBUTION UNIT

PROJECT: SUBMITTAL DRAWINGS SHEET 7 OF 8

DWG NO: SUVTR40KH4B5S-MM1 REV. 1

DRAWN: V BUSH 25-MAY-10

ENGINEER: P BONDE/A WARNER 25-MAY-10

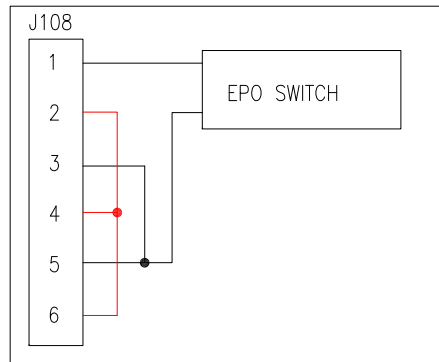
APPROVED: C LARSEN/S WAGH/F DIOSA 25-MAY-10

FIRST
ANGLE
PROJ

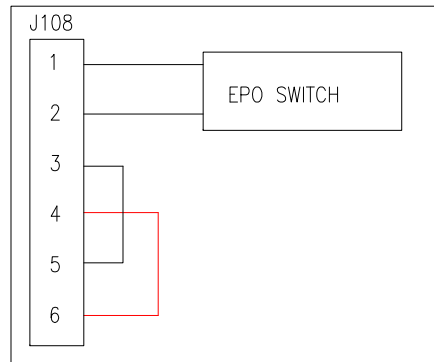
EPO WIRING OPTIONS (J108)

CONNECT THE EPO CABLE, USING ONE OF THE FOLLOWING 4 WIRING CONFIGURATIONS.

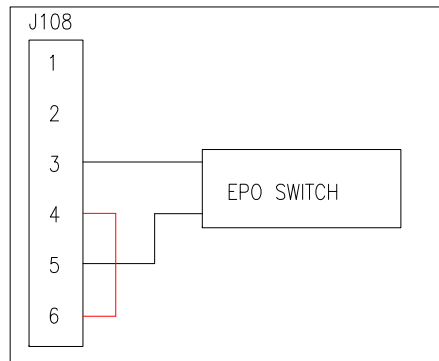
1: DRY NORMALLY OPEN CONTACTS



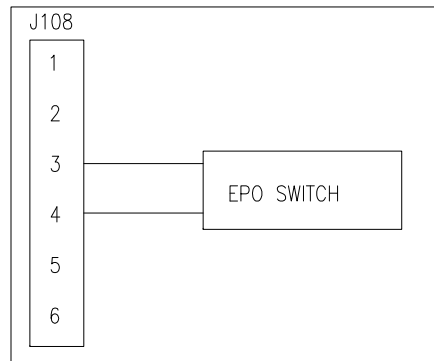
2: +24V NORMALLY OPEN



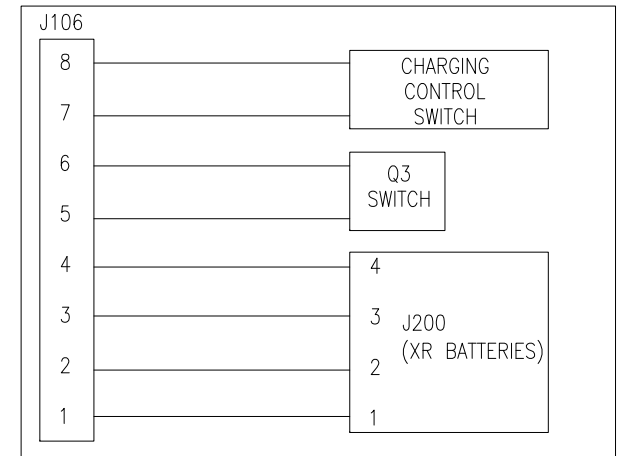
3: DRY NORMALLY CLOSED CONTACTS



4: +24V NORMALLY CLOSED



XR ENCLOSURE, APC MBP, AND GENERATOR CONTROL WIRING (J106)



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS.
3. FOR COMMUNICATION CABLES USE ONLY 1-1.5 SQ mm COPPER WIRE RATED MINIMUM 250V.

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TITLE: Smart-UPS VT RACK MOUNTED
INPUT: 400V 3ø
OUTPUT: 400V 3ø 40kVA WITH PDU
4 BATTERY MODULES EXP. TO 5
EPO CIRCUIT

PROJECT: SUBMITTAL DRAWINGS SHEET 8 OF 8

DWG NO: SUVTR40KH4B5S-MM1

DRAWN: V BUSH 25-MAY-10

ENGINEER: P BONDE/A WARNER 25-MAY-10

APPROVED: C LARSEN/S WAGH/F DIOSA 25-MAY-10

REV. 1

FIRST

ANGLE

PROJ