

- NOTES:
- 1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
 - 2.REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 - 3.ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

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Schneider
Electric

TITLE: Schneider Electric Easy UPS 3S
CIA, HIGH TOWER
40kVA, 400V, 3PH
WITH BATTERY MODULES
BOTTOM VIEWS

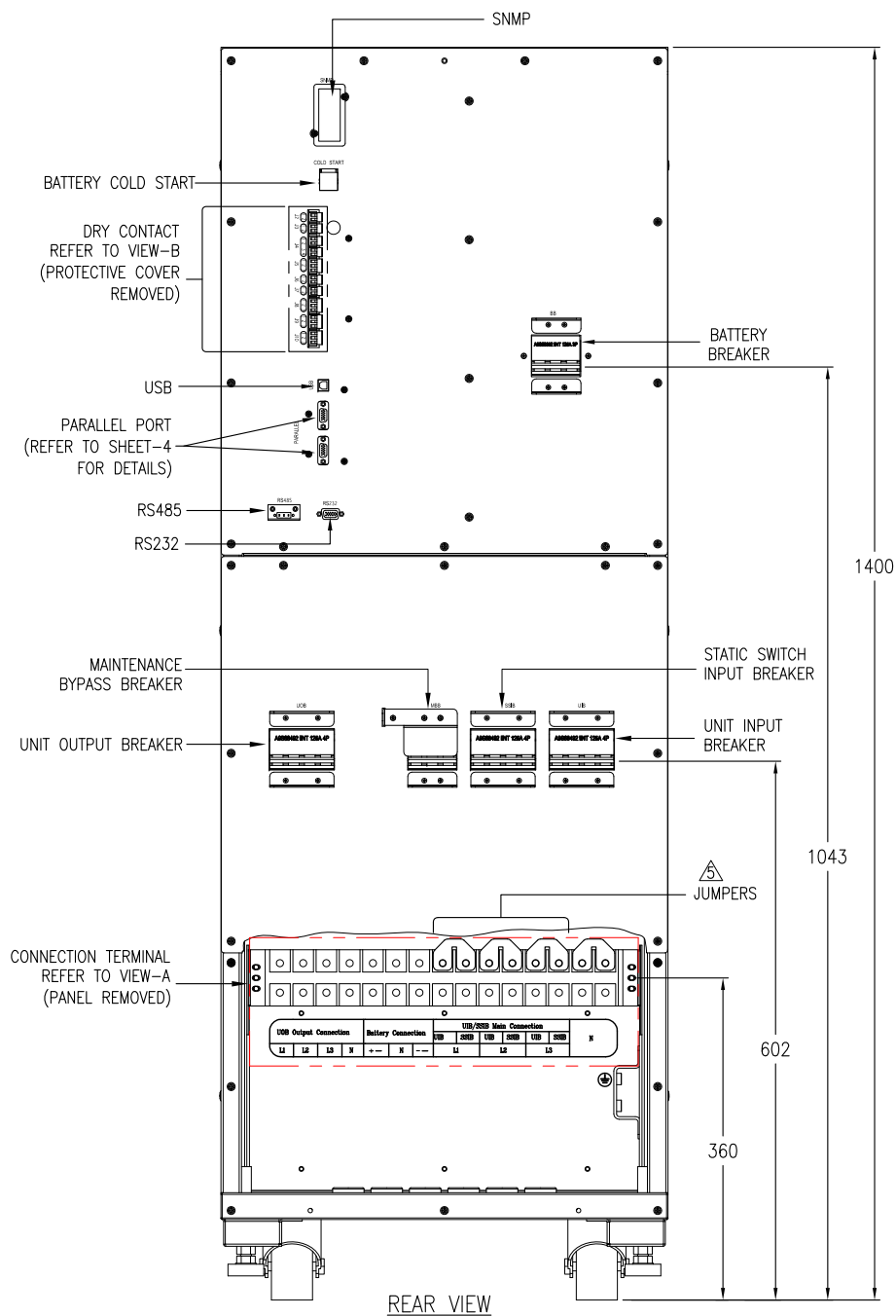
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 7

DWG NO: E3SUPS40KHB

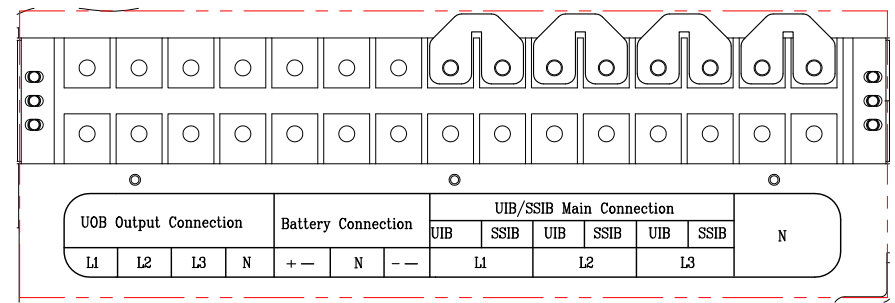
DRAWN:	JAYAPRAKASH	14-FEB-18
ENGINEER:	COMPBELL BAI	20-MAR-18
APPROVED:	FRANK ZHANG	20-MAR-18

REV.

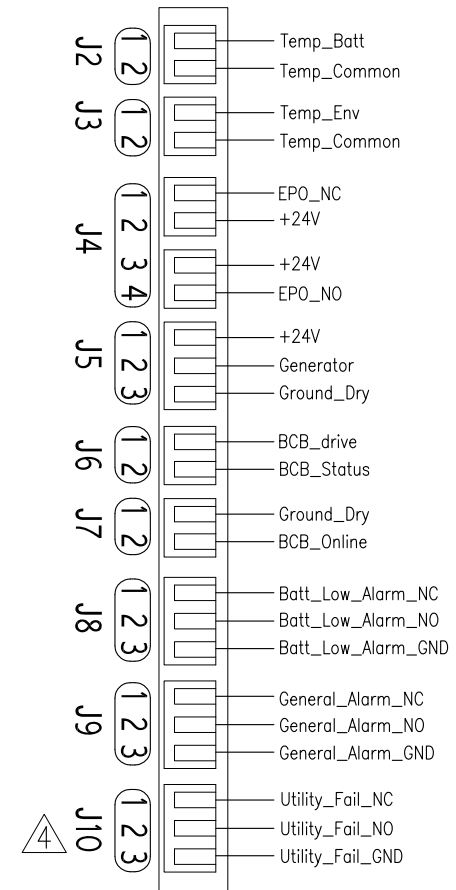
FIRST	ANGLE
PROJECTION	



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- △4. J10 IS RESERVED FOR EXTERNAL BACKFEED PROTECTION.
- △5. SINGLE MAINS CONFIGURATION IS DEFAULT. REMOVE JUMPERS OF L1, L2 & L3 FOR DUAL MAINS.



VIEW-A (ENLARGED)
CONNECTION TERMINALS



VIEW-B (ENLARGED)
DRY CONTACT INTERFACE (ENLARGED VIEW)

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Schneider Electric

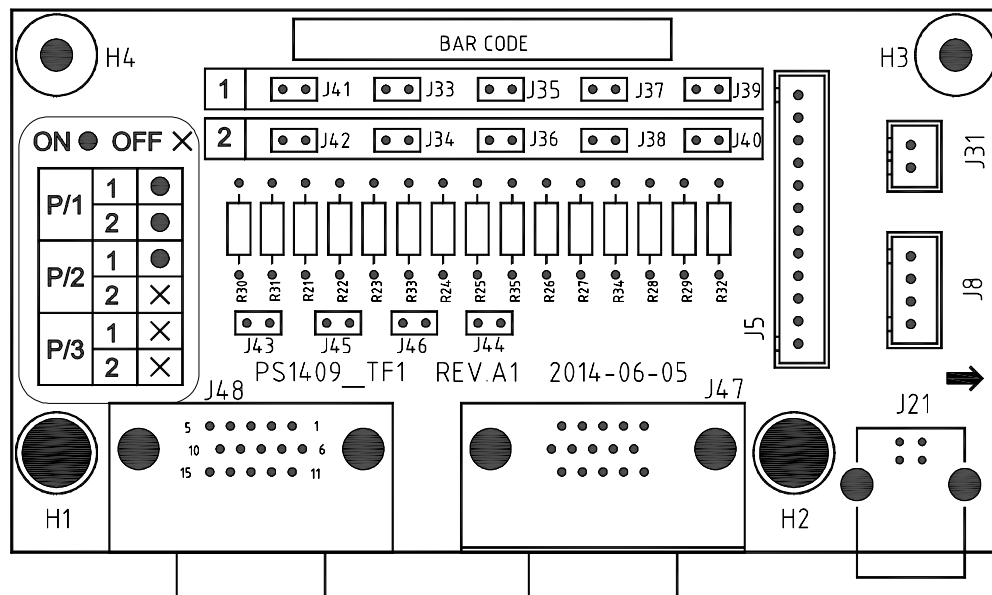
TITLE: Schneider Electric Easy UPS 3S
CLA, HIGH TOWER
40kVA, 400V, 3PH
WITH BATTERY MODULES
REAR VIEW AND DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 7

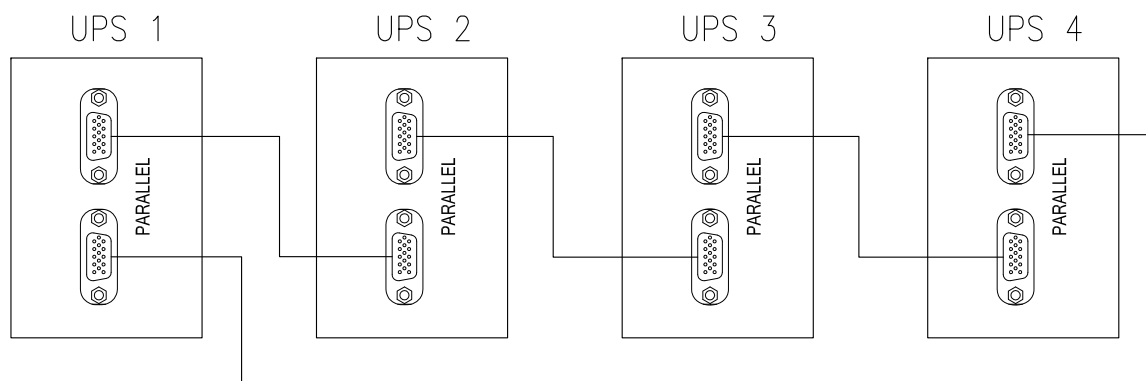
DWG NO: E3SUPS40KHB

DRAWN: JAYAPRAKASH	14-FEB-18	FIRST ANGLE PROJECTION
ENGINEER: COMPELL BAI	20-MAR-18	
APPROVED: FRANK ZHANG	20-MAR-18	

REV.



5 PARALLEL BOARD



PARALLEL CONNECTION

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
4. UP TO 4 NUMBERS OF UPS CAN BE CONNECTED IN PARALLEL. MAXIMUM COMMUNICATION CABLE LENGTH IS 5 Meters.

△ 5. PARALLEL BOARD SETTINGS:

REMOVE JUMPERS FROM THE PARALLEL BOARD ACCORDING TO YOUR SYSTEM:

- a. IN PARALLEL SYSTEM WITH TWO UPSs, REMOVE JUMPERS FROM J34, J36, J38, J40 AND 42 ON BOTH BOARDS
- b. IN PARALLEL SYSTEM WITH THREE AND FOUR UPSs, REMOVE ALL JUMPERS.

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Schneider Electric

TITLE: Schneider Electric Easy UPS 3S
CIA, HIGH TOWER
40kVA, 400V, 3PH
WITH BATTERY MODULES
PARALLEL CONNECTION

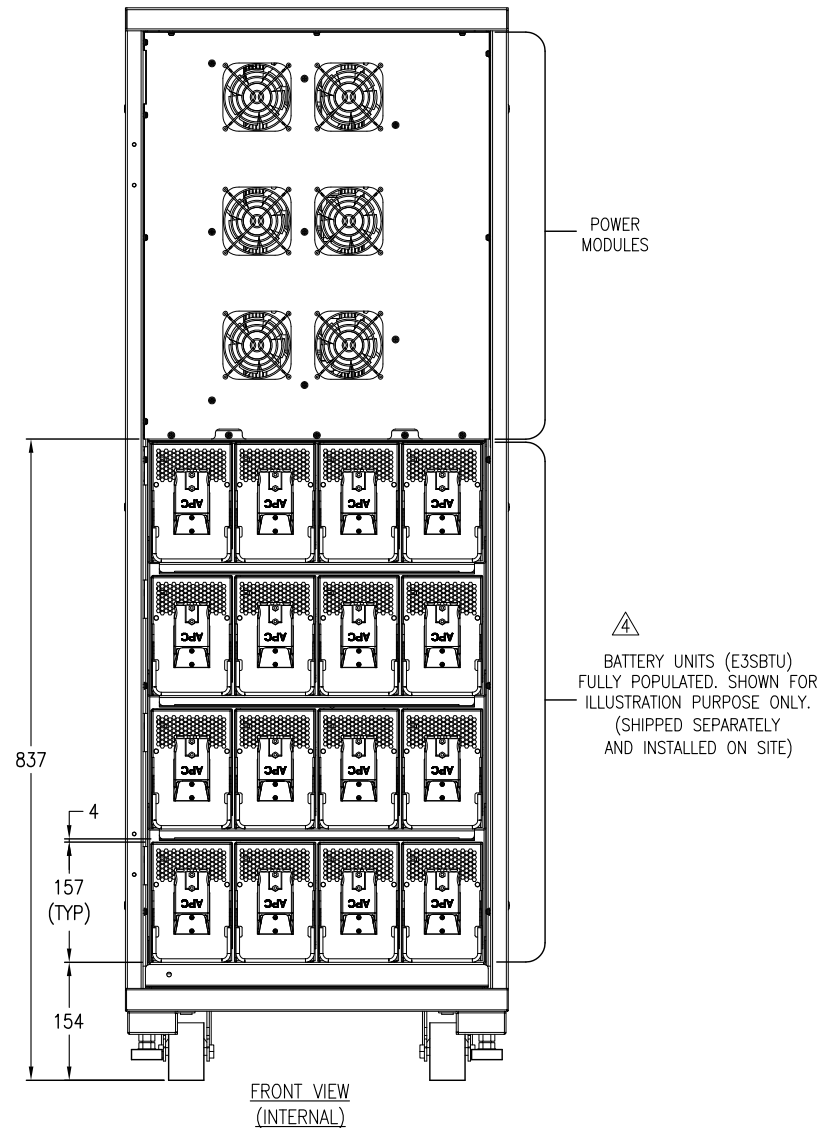
PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 7

DWG NO: E3SUPS40KHB

DRAWN: JAYAPRAKASH
ENGINEER: COMPELL BAI
APPROVED: FRANK ZHANG

14-FEB-18
20-MAR-18
20-MAR-18

REV.
FIRST
ANGLE
PROJECTION



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- △4. BATTERY UNIT (E3SBTU) IS NOT PART OF THIS SKU.

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Schneider
Electric

TITLE: Schneider Electric Easy UPS 3S
CLA, HIGH TOWER
40KVA, 400V, 3PH
WITH BATTERY MODULES
INTERNAL VIEW

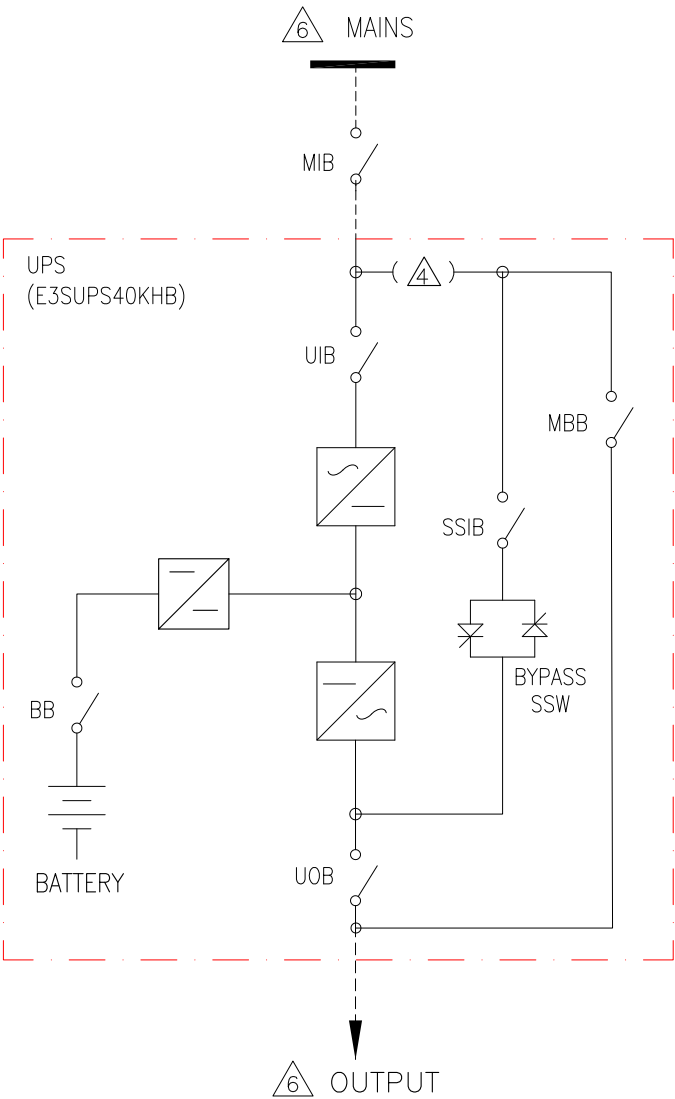
DWG NO: E3SUPS40KHB

REV.

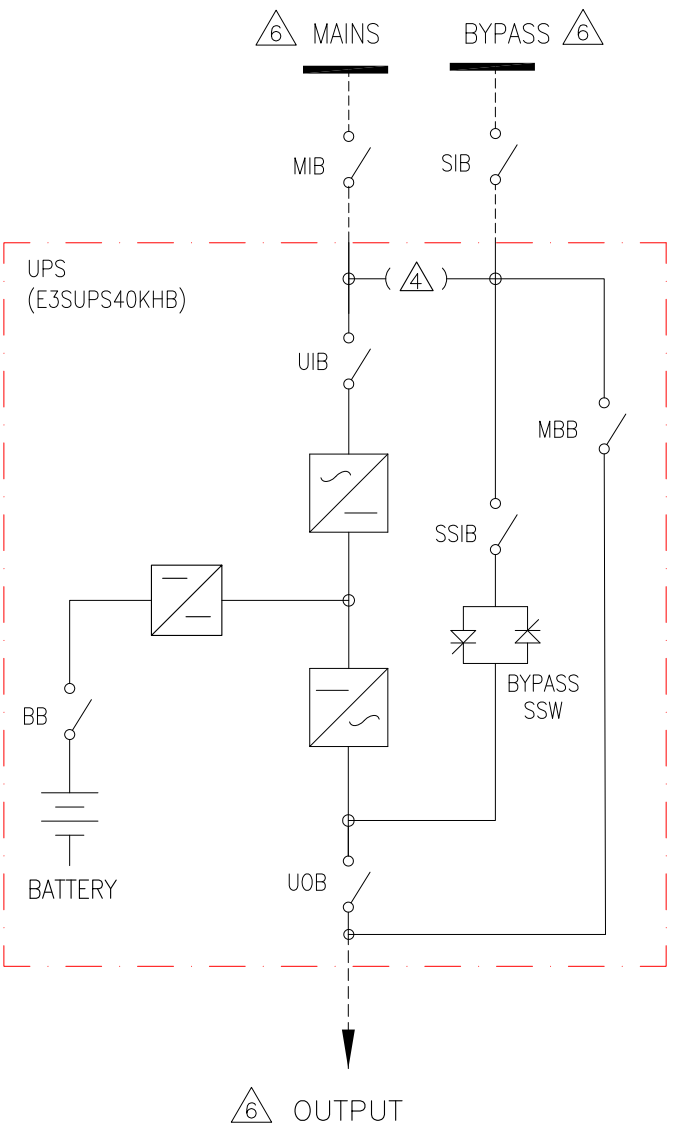
DRAWN:	JAYAPRAKASH	14-FEB-18	FIRST
ENGINEER:	COMPBELL BAI	20-MAR-18	ANGLE
APPROVED:	FRANK ZHANG	20-MAR-18	PROJECTION

PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 7

SINGLE MAINS CONFIGURATION



DUAL MAINS CONFIGURATION



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 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK
 3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND NOT IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT.
 4. SINGLE MAINS CONFIGURATION IS DEFAULT.
FOR DUAL MAINS CONFIGURATION REMOVE THE 3 SHORTING STRAPS/WIRES.
 5. UP TO 4 UPS CAN BE CONNECTED IN PARALLEL.
 6. REFER TO SHEET-7 FOR ELECTRICAL DATA.
 7. CABLE LUGS ARE PROVIDED BY OTHERS.

LEGEND:
----- CABLE PROVIDED BY OTHERS

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TITLE: Schneider Electric Easy UPS 3S
CLA, HIGH TOWER
40KVA, 400V, 3PH
WITH BATTERY MODULES
SYSTEM ONLINE DIAGRAM

PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 7

DWG NO: E3SUPS40KHB

DRAWN:	JAYAPRAKASH	14-FEB-18
ENGINEER:	COMPBELL BAI	20-MAR-18
APPROVED:	FRANK ZHANG	20-MAR-18

REV.
FIRST
ANGLE
PROJECTION

ELECTRICAL DATA SHEET	
UPS RATING	40kVA
INPUT SPECIFICATIONS	
INPUT VOLTAGE	380V/400V/415V
NOMINAL INPUT CURRENT (A)	65/61/59
MAXIMUM INPUT CURRENT (A)	78/73/71
INPUT CURRENT LIMITATION (A)	89/83/80
INPUT FREQUENCY	45-65Hz
INPUT WIRING	3P+N+PE
INPUT THDI	< 3%@ 10kVA, < 4%@ 15-40kVA
BYPASS SPECIFICATIONS	
BYPASS VOLTAGE	380V/400V/415V
MINIMUM BYPASS VOLTAGE	304/320/332
MAXMUM BYPASS VOLTAGE	437/460/477
NOMINAL BYPASS CURRENT (A)	61/58/56
BYPASS FREQUENCY	50/60Hz
BYPASS WIRING	3P+N+PE
OUTPUT SPECIFICATIONS	
OUTPUT VOLTAGE	380V/400V/415V
NOMINAL OUTPUT CURRENT (A)	61/58/56
OUTPUT FREQUENCY	50/60Hz
OUTPUT WIRING	3P+N+PE
OUTPUT THDU	<3%@ 100% LINEAR LOAD, < 5.5%@ 100% NON-LINEAR LOAD
BATTERY SPECIFICATIONS	
CHARGING POWER	PROGRAMMABLE FROM 1% TO 20% OF UPS CAPACITY. DEFAULT IS 10%
MAXIMUM CHARGING POWER (W)	8000
NOMINAL BATTERY VOLTAGE (VDC)	+/-240
NOMINAL FLOAT VOLTAGE (VDC)	+/-270
END OF DISCHARGE VOLTAGE (FULL LOAD) (VDC)	+/-198
BATTERY CURRENT AT FULL LOAD AND NOMINAL BATTERY VOLTAGE (A)	89
BATTERY CURRENT AT FULL LOAD AND MINIMUM BATTERY VOLTAGE (A)	107
RIPPLE CURRENT	<5% C10
MAXIMUM SHORT CIRCUIT WITHSTAND	lcc=10kA
RECOMMENDED CABLE SIZES	
INPUT CABLE SIZE (mm2)	25
BYPASS CABLE SIZE (mm2)	25
OUTPUT CABLE SIZE (mm2)	25
BATTERY INPUT CABLE SIZE (mm2)	35
PE CABLE SIZE (mm2)	16

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CLA, HIGH TOWER
40kVA, 400V, 3PH
WITH BATTERY MODULES
ELECTRICAL DATA SHEET

PROJECT: SUBMITTAL DRAWINGS SHEET 7 OF 7

DWG NO: E3SUPS40KHB

DRAWN:	JAYAPRAKASH	14-FEB-18
ENGINEER:	COMPBELL BAI	20-MAR-18
APPROVED:	FRANK ZHANG	20-MAR-18

REV.
FIRST
ANGLE
PROJECTION