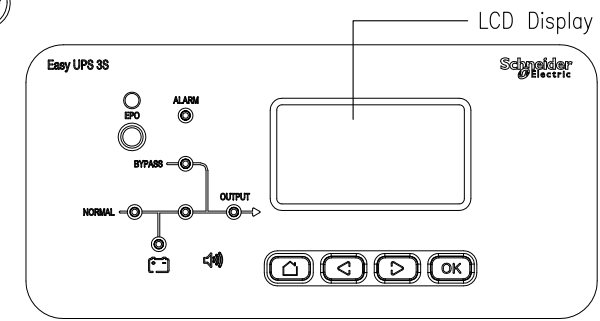


| SKU NUMBER | NET WEIGHT IN kg |
|------------|------------------|
| E3SUPS20KH | 58 |
| E3SUPS30KH | 60 |

- 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. FRONT/REAR/SIDE SERVICE CLEARANCE, TOP VENTILATION CLEARANCE REQUIRED.
 5. COLOR: RAL 9003.
 6. OPERATING TEMPERATURE: 0°C MIN. TO 40°C MAX.
 7. PROTECTION CLASS: IP20



Function Keys

DISPLAY INTERFACE (ENLARGED VIEW)

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Schneider Electric

TITLE: Schneider Electric Easy UPS 3S
CLA, LOW TOWER
20 ~ 30kVA, 400V, 3PH
WITHOUT BATTERY MODULES
GENERAL ARRANGEMENT

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 6

DWG NO: E3SUPS20K30H

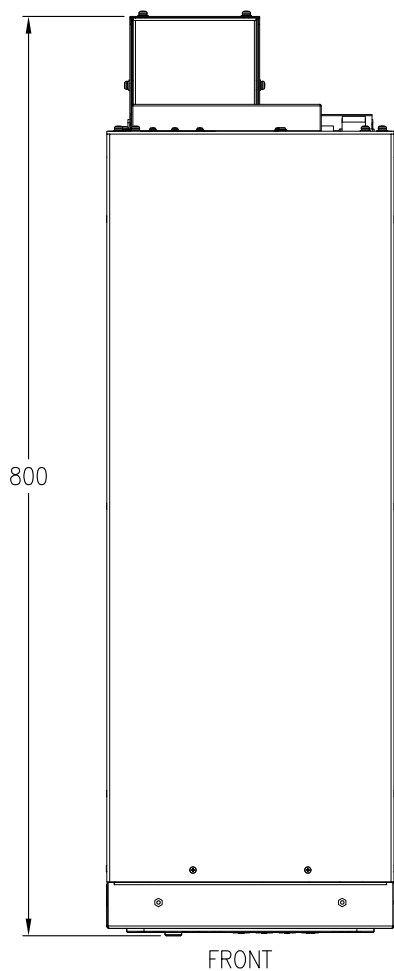
DRAWN: JAYAPRAKASH 23-NOV-17

ENGINEER: CAMPBELL BAI 24-NOV-17

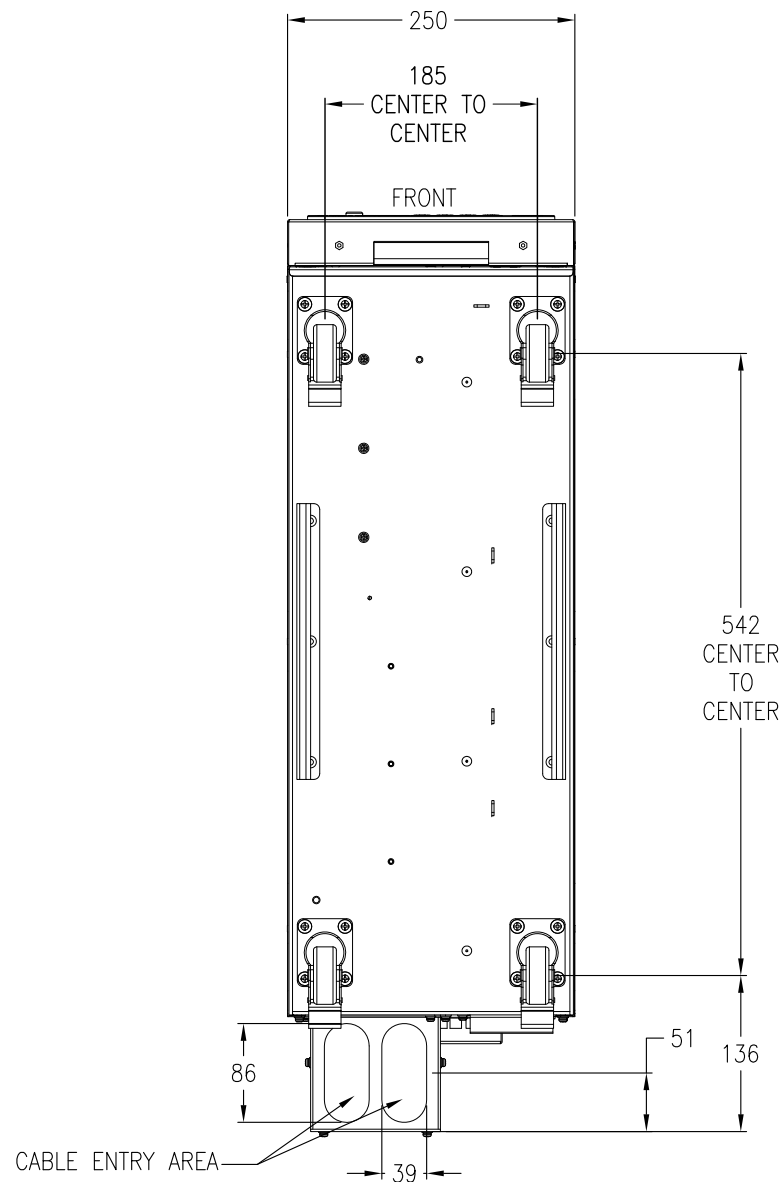
APPROVED: FRANK ZHANG 24-NOV-17

REV.

FIRST ANGLE PROJECTION



TOP VIEW



BOTTOM VIEW

- 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

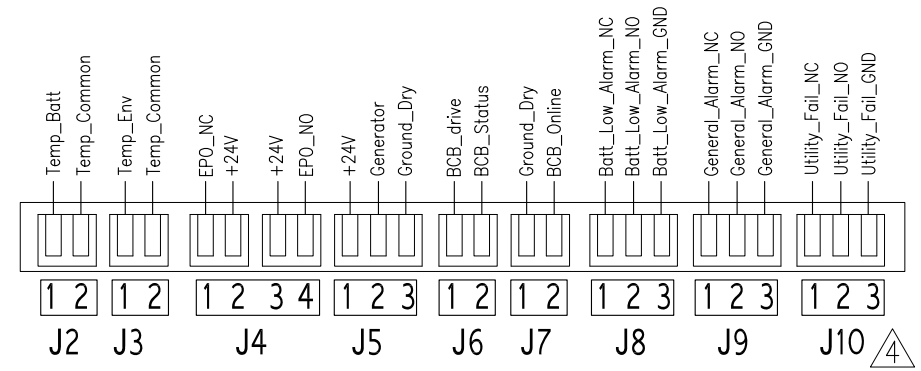
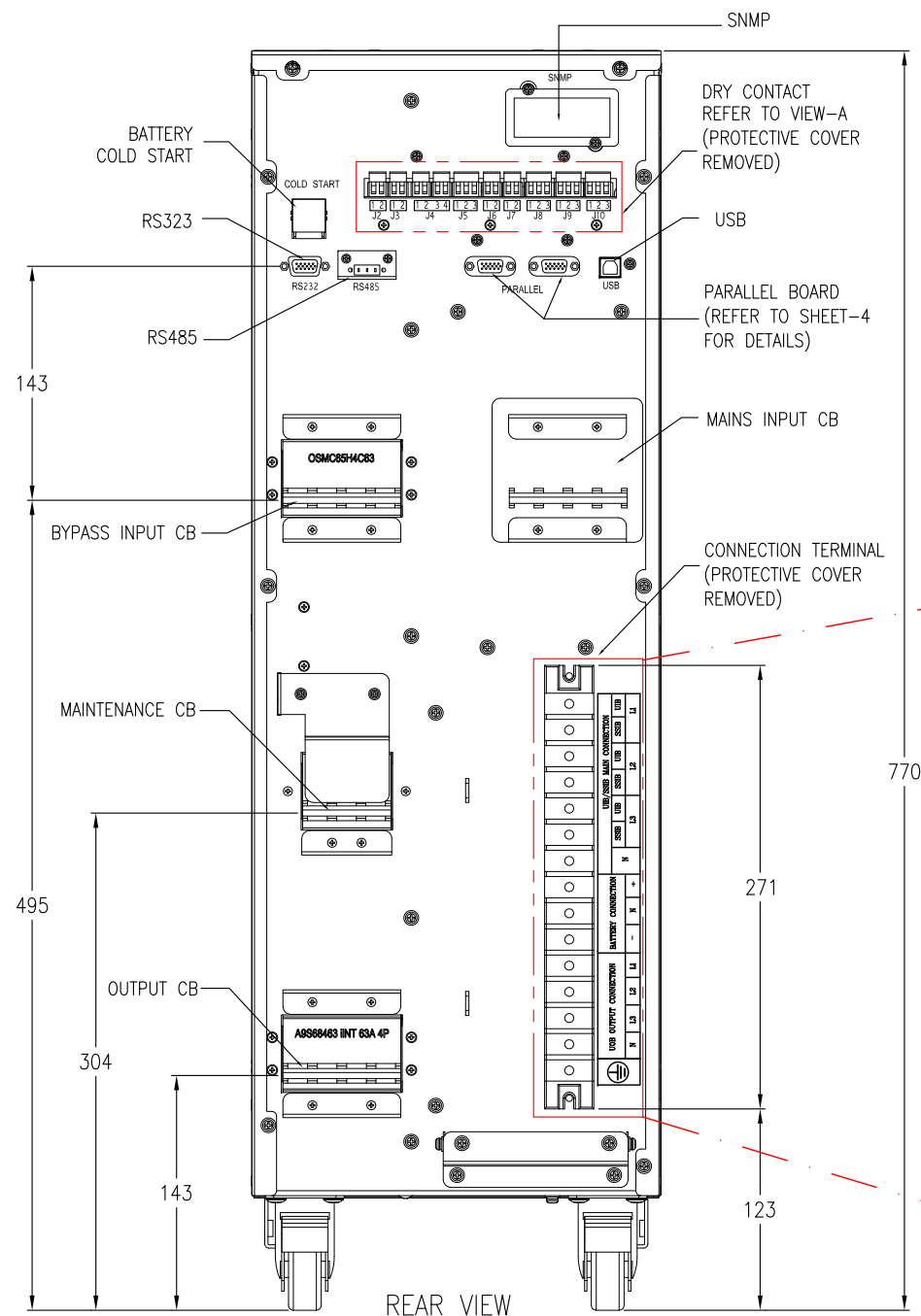
TITLE: Schneider Electric Easy UPS 3S
CLA, LOW TOWER
20 ~ 30kVA, 400V, 3PH
WITHOUT BATTERY MODULES
BOTTOM VIEWS

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 6

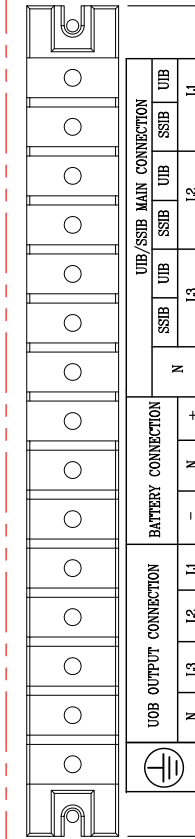
DWG NO: E3SUPS20K30H

| | | |
|-----------|--------------|-----------|
| DRAWN: | JAYAPRAKASH | 23-NOV-17 |
| ENGINEER: | COMPBELL BAI | 24-NOV-17 |
| APPROVED: | FRANK ZHANG | 24-NOV-17 |

REV. FIRST ANGLE PROJECTION



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



NOTES:

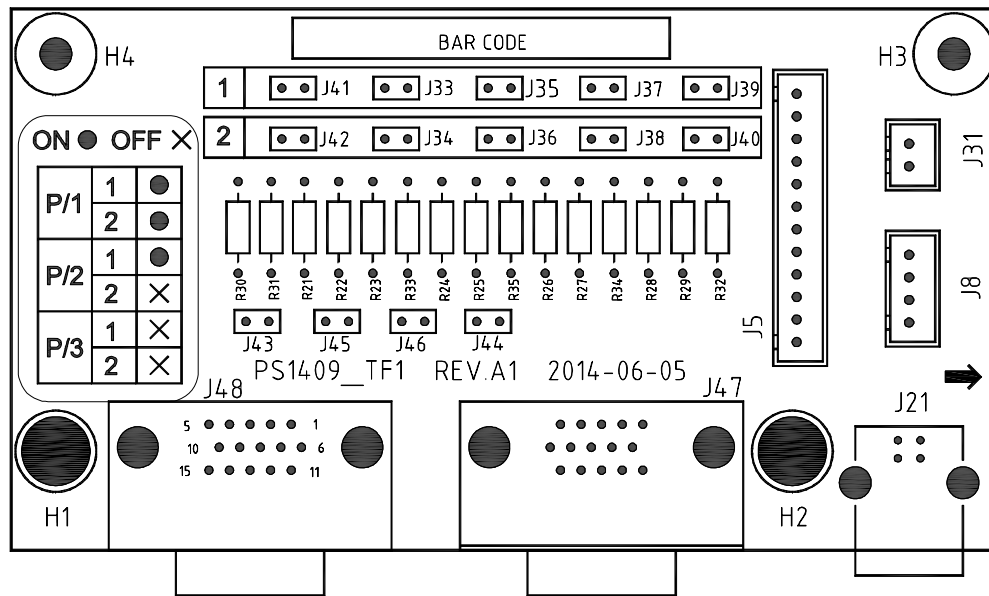
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- △4. J10 IS RESERVED FOR EXTERNAL BACKFEED PROTECTION

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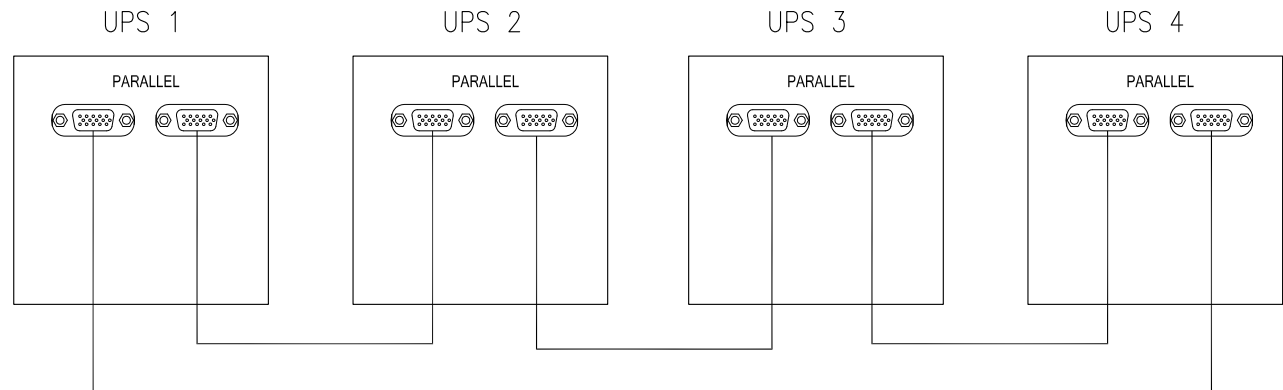
Schneider Electric

TITLE: Schneider Electric Easy UPS 3S
CLA, LOW TOWER
20 - 30kVA, 400V, 3PH
WITHOUT BATTERY MODULES
REAR VIEW AND DETAILS
PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 6

DWG NO: E3SUPS20K30H
REV: FIRST ANGLE PROJECTION
DRAWN: JAYAPRAKASH 23-NOV-17
ENGINEER: CAMPBELL BAI 24-NOV-17
APPROVED: FRANK ZHANG 24-NOV-17



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
CLA, LOW TOWER
20 - 30kVA, 400V, 3PH
WITHOUT BATTERY MODULES
PARALLEL CONNECTION

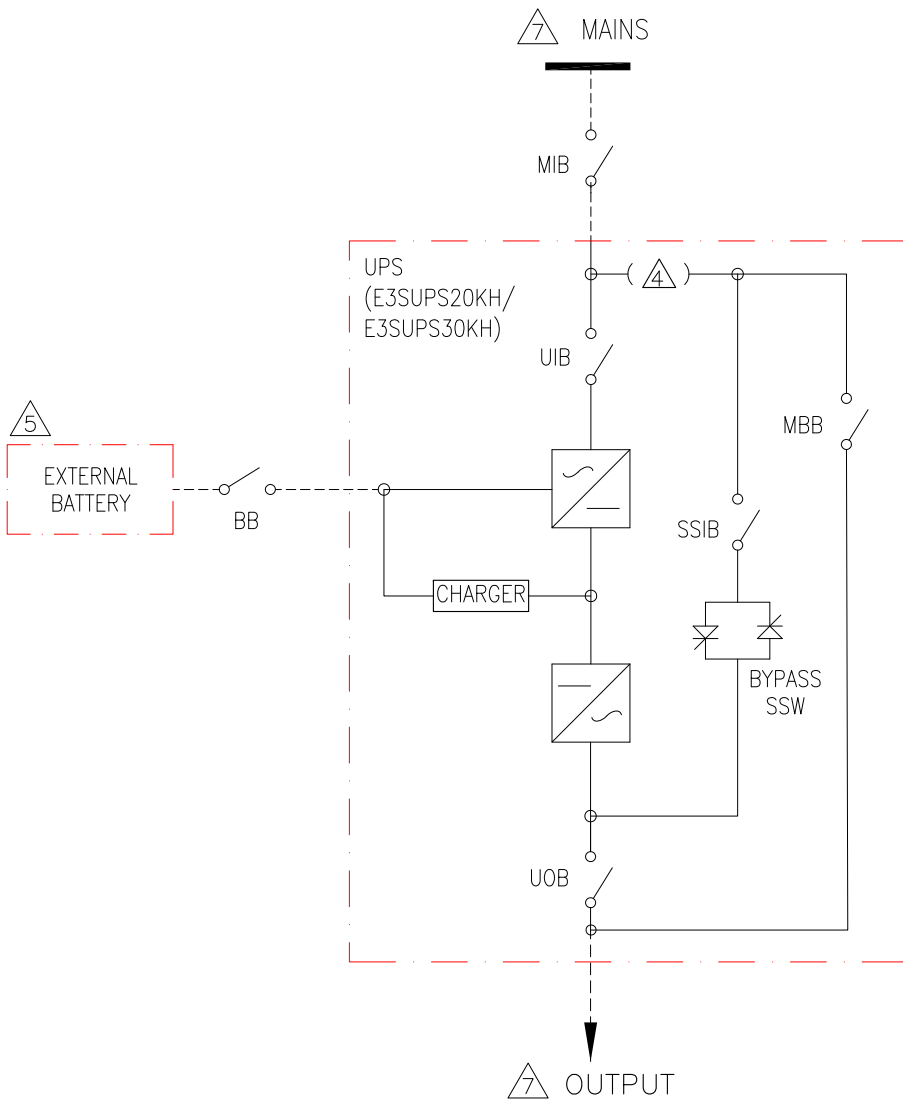
PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 6

DWG NO: E3SUPS20K30H

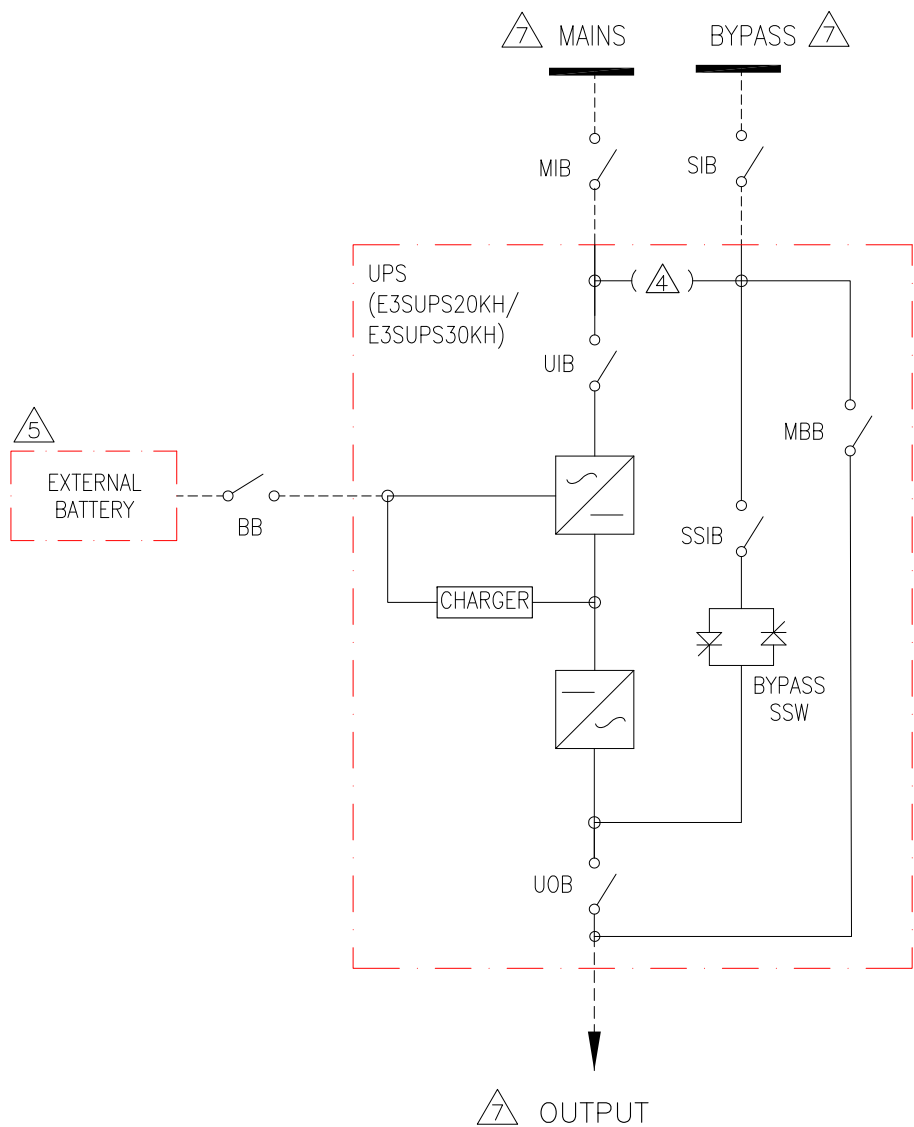
| | | |
|-----------------------|-----------|------------|
| DRAWN: JAYAPRAKASH | 23-NOV-17 | FIRST |
| ENGINEER: COMPELL BAI | 24-NOV-17 | ANGLE |
| APPROVED: FRANK ZHANG | 24-NOV-17 | PROJECTION |

REV.

SINGLE MAINS CONFIGURATION



DUAL MAINS CONFIGURATION



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. 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. BATTERIES CAN BE CONNECTED IN SERIES DEPENDING UPON THE RUNTIME REQUIREMENTS.
6. UP TO 4 UPS CAN BE CONNECTED IN PARALLEL.
- △ 7. REFER TO SHEET-6 FOR ELECTRICAL DATA.
8. CABLE LUGS ARE PROVIDED BY OTHERS.

LEGEND:

----- CABLE PROVIDED BY OTHERS

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Schneider
Electric

TITLE: Schneider Electric Easy UPS 3S
CL A, LOW TOWER
20 - 30kVA, 400V, 3PH
WITHOUT BATTERY MODULES
SYSTEM ONELINE DIAGRAM

PROJECT: SUBMITTAL DRAWINGS **SHEET** 5

| | | |
|-----------|--------------|-----------|
| DWG NO: | E3SUPS20K30H | |
| DRAWN: | JAYAPRAKASH | 23-NOV-17 |
| ENGINEER: | COMPBELL BAI | 24-NOV-17 |
| APPROVED: | FRANK ZHANG | 24-NOV-17 |

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|-------|--|
| REV. | |
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| ANG | |
| PROJE | |

ELECTRICAL DATA SHEET

| | | |
|---|--|----------------|
| UPS RATING | 20kVA | 30kVA |
| INPUT SPECIFICATIONS | | |
| INPUT VOLTAGE | 380V/400V/415V | 380V/400V/415V |
| NOMINAL INPUT CURRENT (A) | 32/31/30 | 48/46/44 |
| MAXIMUM INPUT CURRENT (A) | 38/37/36 | 58/55/53 |
| INPUT CURRENT LIMITATION (A) | 44/42/41 | 65/63/60 |
| INPUT FREQUENCY | 45-65Hz | |
| INPUT WIRING | 3P+N+PE | |
| INPUT THDI | < 3%@ 10kVA, < 4%@ 15-40kVA | |
| BYPASS SPECIFICATIONS | | |
| BYPASS VOLTAGE | 380V/400V/415V | 380V/400V/415V |
| MINIMUM BYPASS VOLTAGE | 304/320/332 | 304/320/332 |
| MAXMUM BYPASS VOLTAGE | 437/460/477 | 437/460/477 |
| NOMINAL BYPASS CURRENT (A) | 30/29/28 | 46/43/42 |
| BYPASS FREQUENCY | 50/60Hz | |
| BYPASS WIRING | 3P+N+PE | |
| OUTPUT SPECIFICATIONS | | |
| OUTPUT VOLTAGE | 380V/400V/415V | 380V/400V/415V |
| NOMINAL OUTPUT CURRENT (A) | 30/29/28 | 46/43/42 |
| 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) | 4000 | 6000 |
| NOMINAL BATTERY VOLTAGE (16-20 Blocks) (VDC) | +/-192 to +/-240 | |
| NOMINAL FLOAT VOLTAGE (16-20 Blocks) (VDC) | +/-216 to +/-270 | |
| END OF DISCHARGE VOLTAGE (16-20 Blocks) (FULL LOAD) (VDC) | +/-158 to +/-198 | |
| END OF DISCHARGE VOLTAGE (16-20 Blocks) (NO LOAD) (VDC) | +/-168 to +/-210 | |
| BATTERY CURRENT AT FULL LOAD AND NOMINAL BATTERY VOLTAGE (16-20 Blocks) (A) | 55-44 | 83-66 |
| BATTERY CURRENT AT FULL LOAD AND MINIMUM BATTERY VOLTAGE (16-20 Blocks) (A) | 67-54 | 101-81 |
| RIPPLE CURRENT | <5% C10 | |
| | | |
| MAXIMUM SHORT CIRCUIT WITHSTAND | Icc=10kA | |
| RECOMMENDED CABLE SIZES | | |
| INPUT CABLE SIZE (mm2) | 10 | 16 |
| BYPASS CABLE SIZE (mm2) | 10 | 16 |
| OUTPUT CABLE SIZE (mm2) | 10 | 16 |
| BATTERY INPUT CABLE SIZE (mm2) | 25 | 25 |
| PE CABLE SIZE (mm2) | 10 | 16 |

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.

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TITLE: Schneider Electric Easy UPS 3S
CLA, LOW TOWER
20 ~ 30kVA, 400V, 3PH
WITHOUT BATTERY MODULES
ELECTRICAL DATA SHEET

PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 6

DWG NO: E3SUPS20K30H

| | | |
|-----------|--------------|-----------|
| DRAWN: | JAYAPRAKASH | 23-NOV-17 |
| ENGINEER: | COMPBELL BAI | 24-NOV-17 |
| APPROVED: | FRANK ZHANG | 24-NOV-17 |

REV.
FIRST
ANGLE
PROJECTION