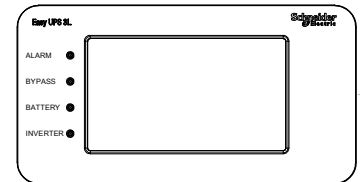


#### NOTES:

- 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 [INCHES].
- 4.FRONT AND REAR CLEARANCE ARE FOR AIRFLOW AND SERVICE ACCESS, TOP CLEARANCE IS FOR CABLES INSTALLATION ONLY.
- 5.COLOR: RAL 9003.
- 6.PROTECTION CLASS: IP20.
- 7.THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.
- 8.OPERATING TEMPERATURE: 0°C TO 30°C [32°F TO 86°F].

#### WEIGHT AND CENTER OF GRAVITY

SKU Number	Weight kg [lb]	Center of Gravity mm [in]		
		X-Distance	Y-Distance	Z-Distance
E3LUPS500KHS	665 [1466.0]	310 [12.2]	1155 [45.4]	440 [17.3]
E3LUPS600KHS	745 [1642.4]	315 [12.4]	1205 [47.4]	440 [17.3]



#### USER INTERFACE (ENLARGED VIEW)

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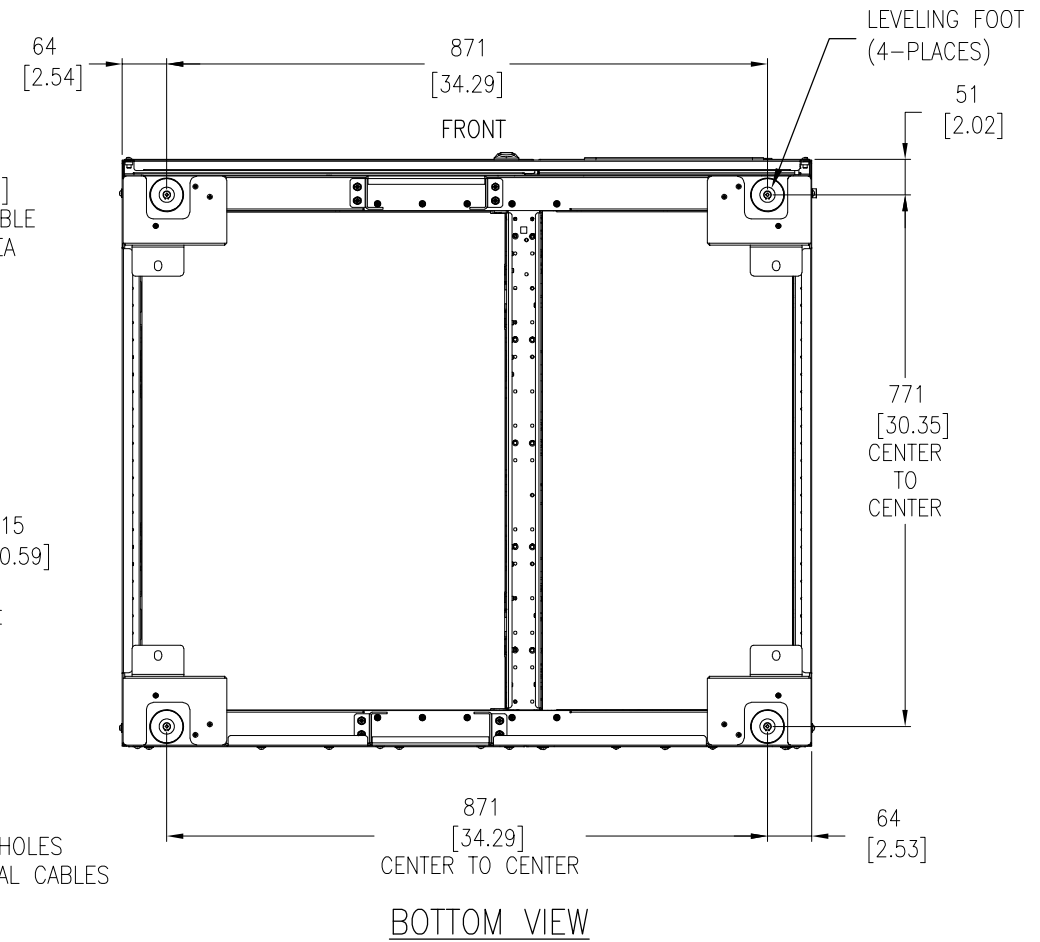
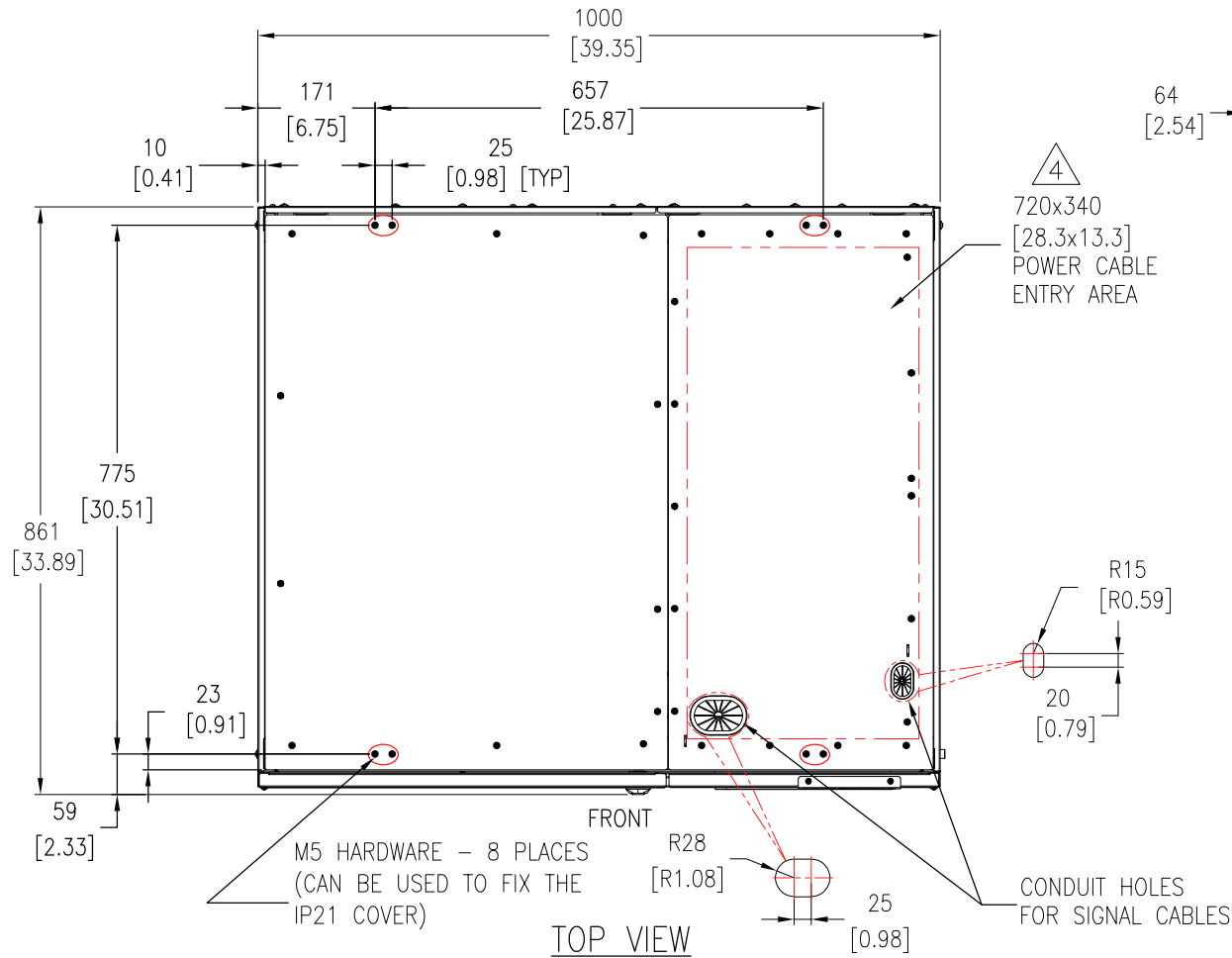
**Schneider Electric**

TITLE:  
Schneider Electric Easy UPS 3L  
500kVA/600kVA, 400V, 3PH  
WITHOUT BATTERY MODULES  
GENERAL ARRANGEMENT

DWG NO: E3LUPS500K600HS  
DRAWN: DIBYA/JAYAPRAKASH  
ENGINEER: Ye Yang  
APPROVED: YaPing YANG

REV. 2  
FIRST ANGLE PROJECTION

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 6



#### 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 [INCHES].
4. DRILL/PUNCH HOLES IN PLATE. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING

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**Schneider Electric**

#### TITLE:

Schneider Electric Easy UPS 3L  
500kVA/600kVA, 400V, 3PH  
WITHOUT BATTERY MODULES  
TOP & BOTTOM VIEW

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 6

#### DWG NO:

E3LUPS500K600HS

DRAWN: DIBYA/JAYAPRAKASH

ENGINEER: Ye Yang

APPROVED: YaPing YANG

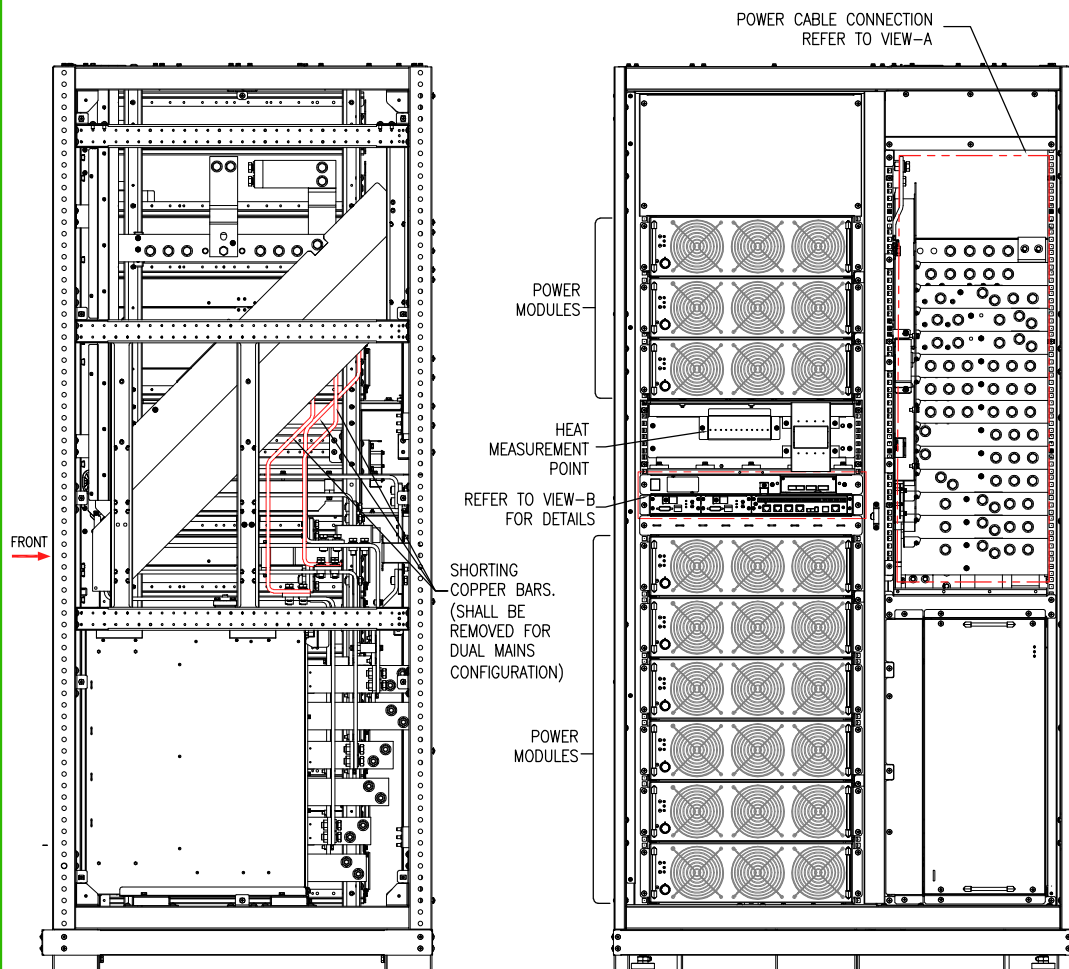
REV. 2

12-JUN-24

12-JUN-24

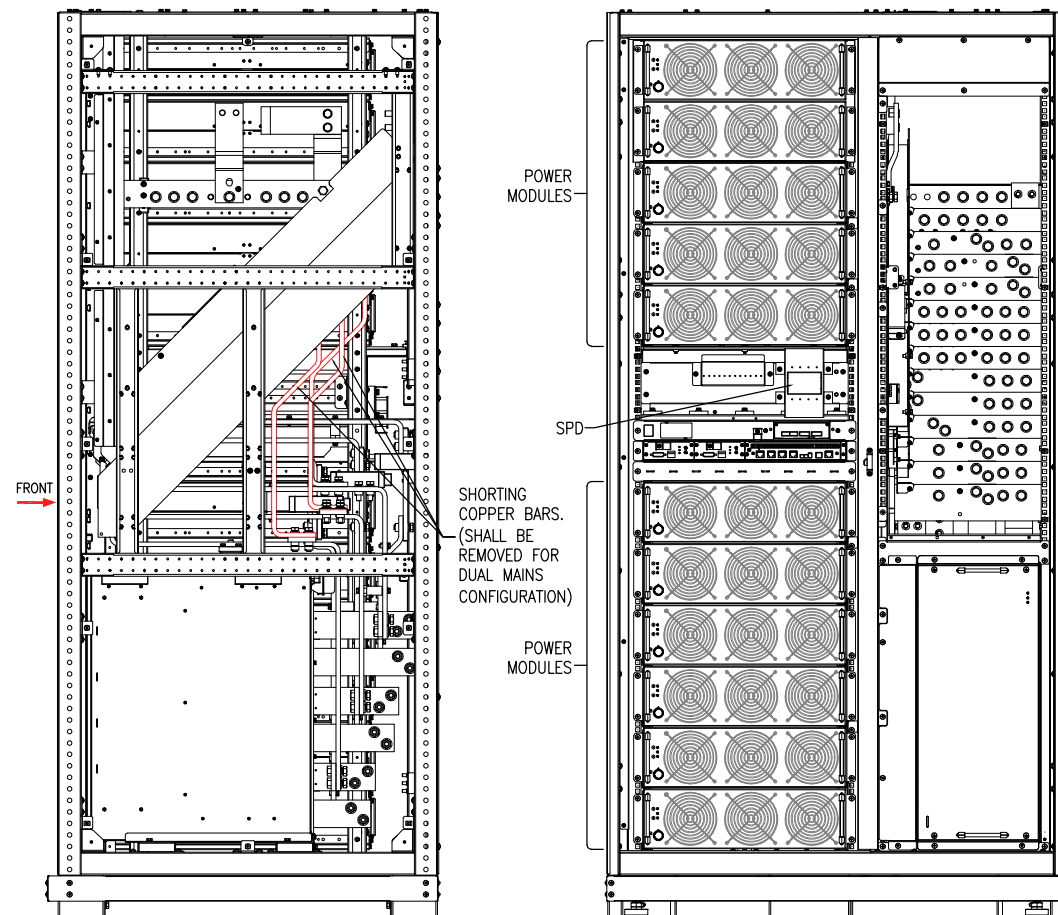
12-JUN-24

FIRST  
ANGLE  
PROJECTION



RIGHT SIDE VIEW - INTERNAL (500kVA)

FRONT VIEW - INTERNAL (500kVA)



RIGHT SIDE VIEW - INTERNAL (600kVA)

FRONT VIEW - INTERNAL (600kVA)

#### 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 [INCHES].

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**Schneider Electric**

#### TITLE:

Schneider Electric Easy UPS 3L  
500kVA/600kVA, 400V, 3PH  
WITHOUT BATTERY MODULES  
INTERNAL FRONT AND REAR VIEW

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 6

#### DWG NO:

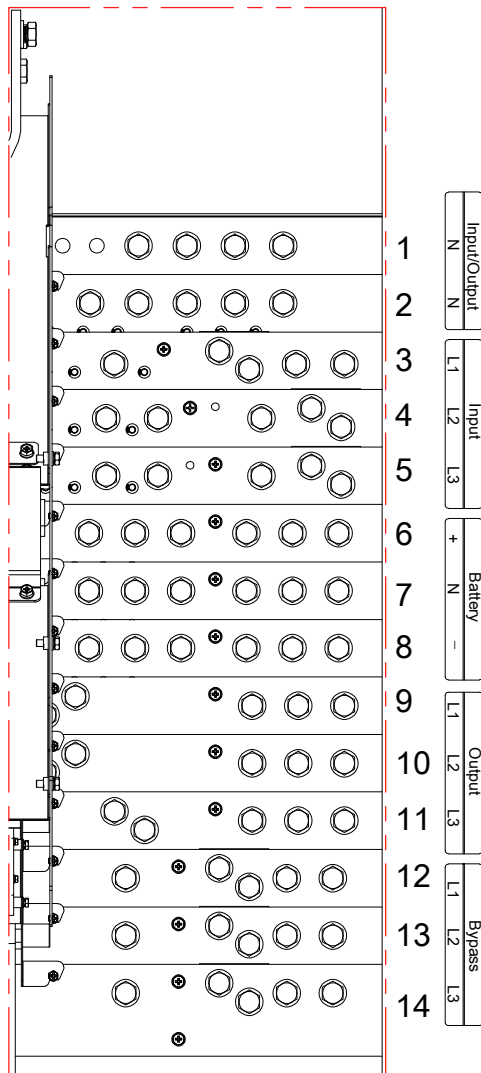
E3LUPS500K600HS

DRAWN:	JAYAPRAKASH	02-MAR-20
ENGINEER:	Ye Yang	03-MAR-20
APPROVED:	YaPing YANG	03-MAR-20

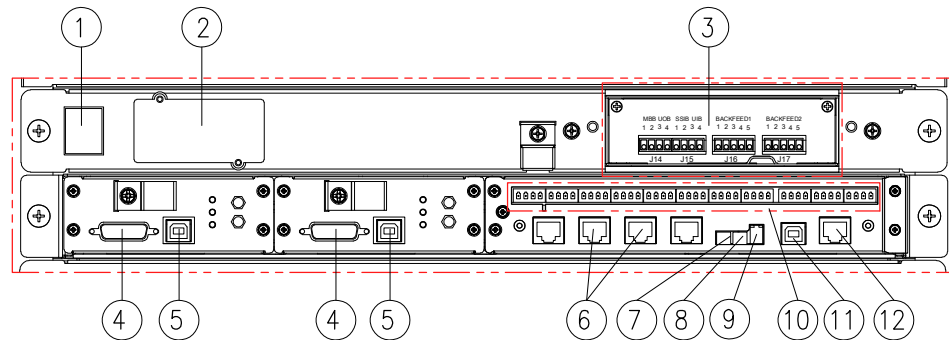
#### REV.

0

FIRST ANGLE PROJECTION
------------------------

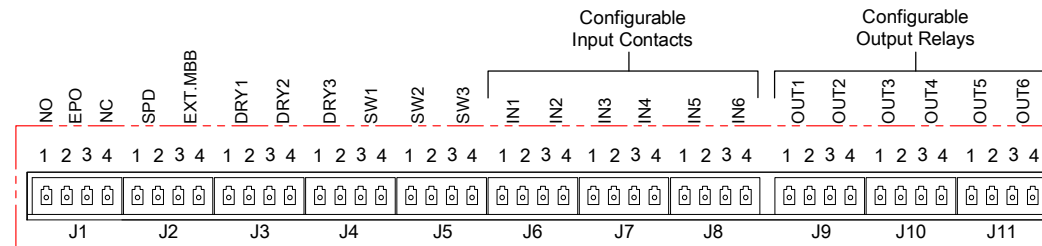


VIEW-A, ENLARGED  
POWER CABLE CONNECTIONS



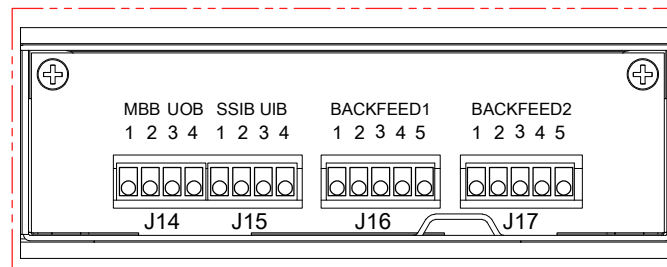
VIEW-B (ENLARGED)

- ① SLOT FOR BATTERY COLD START BUTTON (OPTIONAL)
- ② SLOT FOR SNMP
- ③ AUXILIARY CONTACTS REFER TO VIEW-C FOR DETAILS
- ④ PARALLEL PORT
- ⑤ LOAD BUS SYNCHRONIZATION PORT
- ⑥ RS485
- ⑦ BATTERY TEMP. SENSOR TERMINAL
- ⑧ AMBIENT TEMPERATURE SENSOR TERMINAL (INTERNAL USE)
- ⑨ CAN\_R
- ⑩ DRY CONTACTS JUNCTION  
REFER TO VIEW-D FOR DETAILS
- ⑪ USB PORT (FOR SERVICE)
- ⑫ DISPLAY PORT (INTERNAL USE)



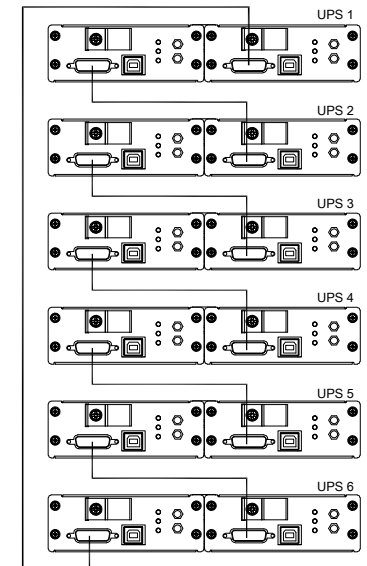
NOTE: These signal cables are Class 2/SELV

VIEW-D (ENLARGED)  
DRY CONTACTS



NOTE: These signal cables are non-Class 2/non-SELV.  
To use Class 2/SELV signal cables, you can connect the  
Maintenance Bypass Breaker (MBB) to J2 instead

VIEW-C (ENLARGED)  
AUXILIARY CONTACTS



PARALLEL CONNECTION

VERIFY THE SETTINGS OF CAN\_R  
- FOR PARALLEL SYSTEMS WITH LESS THAN  
4 PARALLEL UPSs, CAN\_R OF ALL UPSs  
MUST BE IN ON POSITION.  
- FOR PARALLEL SYSTEMS WITH MORE THAN  
5 PARALLEL UPSs, CAN\_R OF ALL UPSs  
MUST BE IN OFF POSITION.

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 [INCHES].  
4. UP TO 5+1 NUMBERS OF UPS CAN BE CONNECTED IN PARALLEL.  
MAXIMUM PARALLEL COMMUNICATION CABLE LENGTH IS 20meters.

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INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

**Schneider  
Electric**

TITLE:  
Schneider Electric Easy UPS 3L  
500kVA/600kVA, 400V, 3PH  
WITHOUT BATTERY MODULES  
ENLARGED VIEWS AND DETAILS

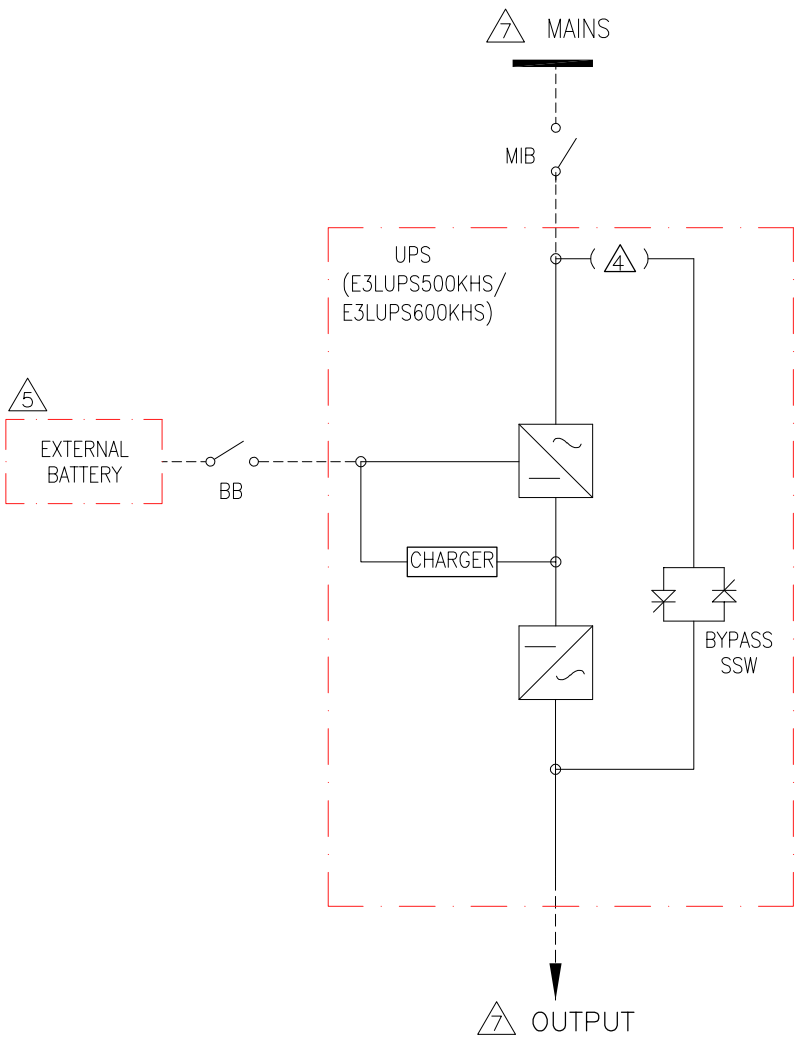
PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 6

DWG NO: E3LUPS500K600HS  
DRAWN: DIBYA/JAYAPRAKASH  
ENGINEER: Ye Yang

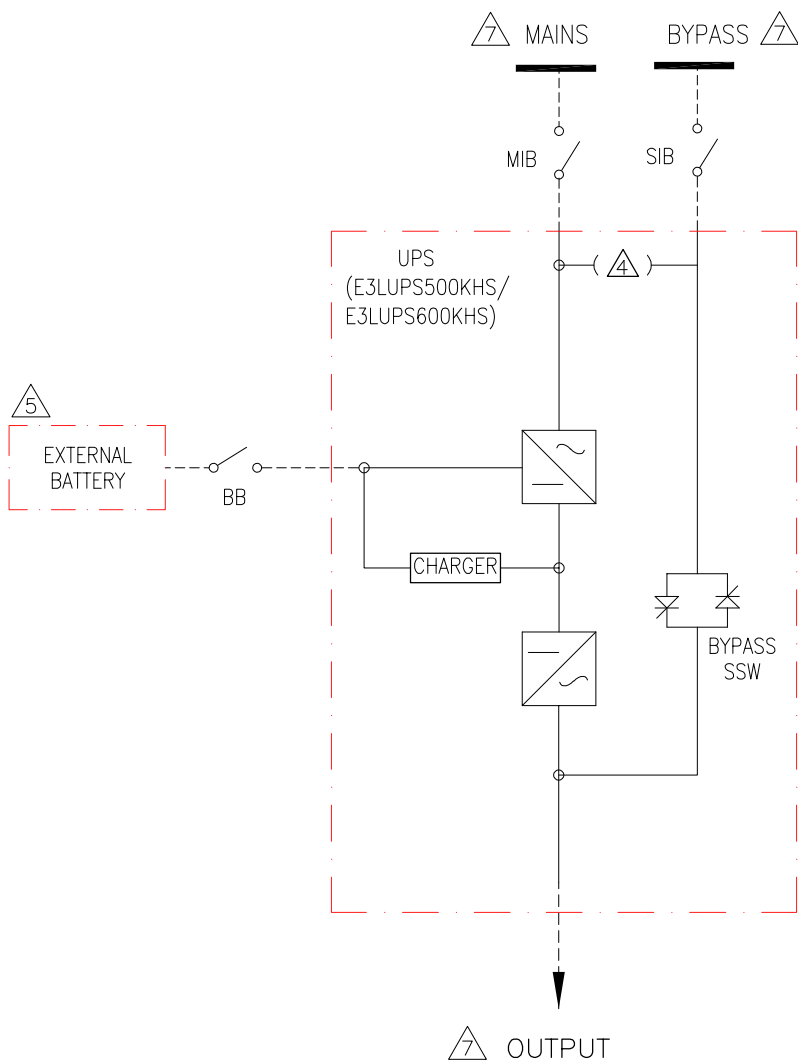
APPROVED: YaPing YANG

REV. 3  
12-JUN-24  
12-JUN-24  
12-JUN-24  
FIRST  
ANGLE  
PROJECTION

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 IT IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT.
4. SINGLE MAINS CONFIGURATION IS DEFAULT.
5. FOR DUAL MAINS CONFIGURATION REMOVE THE 3 SHORTING COPPER BARS.
6. BATTERIES CAN BE CONNECTED IN SERIES DEPENDING UPON THE RUNTIME REQUIREMENTS.
7. UP TO 5+1 UPS CAN BE CONNECTED IN PARALLEL.
8. REFER TO SHEET-6 FOR ELECTRICAL DATA.
9. CABLE LUGS ARE PROVIDED BY OTHERS.

LEGEND:

----- CABLE PROVIDED BY OTHERS

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**Schneider Electric**

TITLE:  
Schneider Electric Easy UPS 3L  
500kVA/600kVA, 400V, 3PH  
WITHOUT BATTERY MODULES  
SYSTEM ONLINE DIAGRAM

PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 6

DWG NO: E3LUPS500K600HS

DRAWN: JAYAPRAKASH 22-MAY-20

ENGINEER: Ye Yang 22-MAY-20

APPROVED: YaPing YANG 22-MAY-20

REV. 1

ANGLE

PROJECTION

N.A

ELECTRICAL DATA SHEET						
INPUT SPECIFICATIONS						
UPS RATING	500kVA			600kVA		
CONNECTIONS	L1, L2, L3, N, PE					
INPUT VOLTAGE RANGE (V)	323 - 477 (FULL LOAD)					
FREQUENCY RANGE (Hz)	40 - 70					
VOLTAGE (V)	380	400	415	380	400	415
NOMINAL INPUT CURRENT (A)	808	768	740	970	921	888
MAXIMUM INPUT CURRENT (A)	946	899	866	1135	1079	1040
INPUT CURRENT LIMITATION (A)	1080			1320		
MAXIMUM INPUT SHORTCIRCUIT RATING (kA)	lcc=35					
BYPASS SPECIFICATIONS						
CONNECTIONS	L1, L2, L3, N, PE					
VOLTAGE (V)	380	400	415	380	400	415
MINIMUM BYPASS VOLTAGE (V)	209	221	228	209	221	228
MAXIMUM BYPASS VOLTAGE (V)	475	480	477	475	480	477
NOMINAL BYPASS CURRENT (A)	767	729	703	921	875	843
BYPASS FREQUENCY (Hz)	50 OR 60					
MAXIMUM SHORT CIRCUIT RATING (kA)	lcc=35					
OUTPUT SPECIFICATIONS						
CONNECTIONS	L1, L2, L3, N, PE					
VOLTAGE (V)	380	400	415	380	400	415
NOMINAL OUTPUT CURRENT (A)	760	722	696	912	866	835
OUTPUT FREQUENCY (Hz)	50 OR 60					
OUTPUT VOLTAGE REGULATION	±1%					
BATTERY SPECIFICATIONS						
MAXIMUM CHARGING POWER (kW)	108			132		
NOMINAL BATTERY VOLTAGE (VDC)	±216 to ±300					
NOMINAL FLOAT VOLTAGE (VDC)	±243 to ±337.5					
END OF DISCHARGE VOLTAGE (FULL LOAD) (VDC)	±172.8 to ±240					
BATTERY CURRENT AT FULL LOAD AND NOMINAL BATTERY VOLTAGE (A)	1231-886			1470-1058		
BATTERY CURRENT AT FULL LOAD AND MINIMUM BATTERY VOLTAGE (A)	1539-1102			1847-1323		

NOTE: THE UPS SUPPORTS 36 - 50 BATTERY BLOCKS

RECOMMENDED CABLE SIZES 500kVA UPS			
	CABLE SIZE PER PHASE (mm <sup>2</sup> )	NEUTRAL CABLE SIZE (mm <sup>2</sup> )	PE CABLE SIZE (mm <sup>2</sup> )
INPUT	3 x 185	3 x 185	2 x 150
BYPASS	3 x 185	3 x 185	2 x 150
OUTPUT	3 x 185	3 x 185	2 x 150
BATTERY	6 x 120	6 x 120	3 x 120

RECOMMENDED CABLE SIZES 600kVA UPS			
	CABLE SIZE PER PHASE (mm <sup>2</sup> )	NEUTRAL CABLE SIZE (mm <sup>2</sup> )	PE CABLE SIZE (mm <sup>2</sup> )
INPUT	3 x 240	3 x 240	2 x 185
BYPASS	3 x 240	3 x 240	2 x 185
OUTPUT	3 x 240	3 x 240	2 x 185
BATTERY	6 x 150	6 X 150	3 x 150

NOTE: BATTERY CABLES ARE SIZED ACCORDING TO 36 BATTERY BLOCKS

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 3L  
500kVA/600kVA, 400V, 3PH  
WITHOUT BATTERY MODULES  
ELECTRICAL DATA

PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 6

DWG NO: E3LUPS500K600HS

DRAWN: JAYAPRAKASH 22-MAY-20

ENGINEER: Ye Yang 22-MAY-20

APPROVED: YaPing YANG 22-MAY-20

REV. 1

ANGLE

PROJECTION

N.A