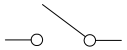
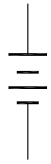
APC Smart-UPS RT

Sheet No.	Component /Detail	Description
1	Drawing Guide	APC Smart-UPS RT Drawing Guide
2	Isometric Views	APC Smart-UPS RT Isometric View
3	General Arrangement -Rack mount	APC Smart-UPS RT General Arrangement-Rack inatallation
4	General Arrangement -Tower mount	APC Smart-UPS RT General Arrangement-Tower inatallation
5	System One Line Diagram	APC Smart-UPS RT System Onleline Diagram

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CIRCUIT BREAKER		AC—DC CONVERTER
	RELAY		DC—AC CONVERTER (INVERTER)
	DC—DC CONVERTER		BATTERY

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Schneider Electric

TITLE: APC Smart UPS RT
SRTG5KXLI/SRTG6KXLI
INPUT: 1P:220–240V, 40–70Hz
OUTPUT: 1PH:220/230/240V, 50/60Hz, 5/6kVA
DRAWING GUIDE

PROJECT: DRAWINGS | SHEET 1 OF 5

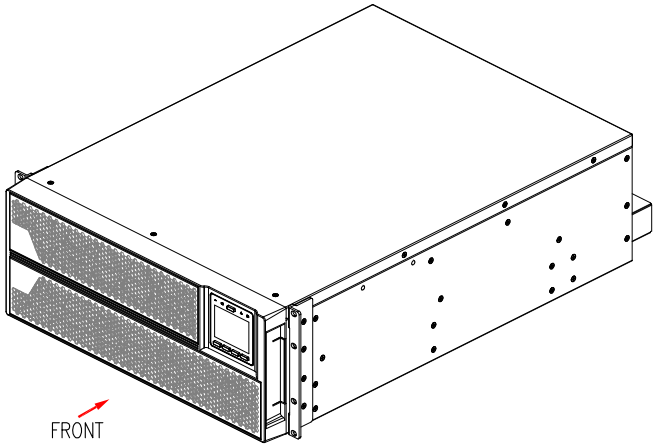
DWG NO: SRTG5K6XLI | REV. 0

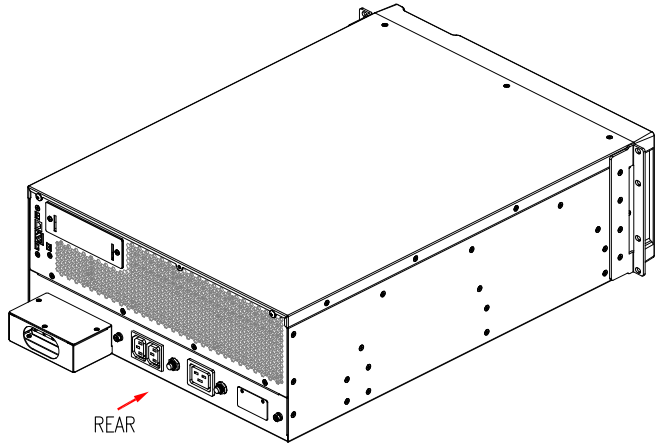
DRAWN:	RANJITHA	02–FEB–22
ENGINEER:	TONY CHEN	17–FEB–22
APPROVED:	M LIPARE	17–FEB–22

ANGLE PROJECTION N.A

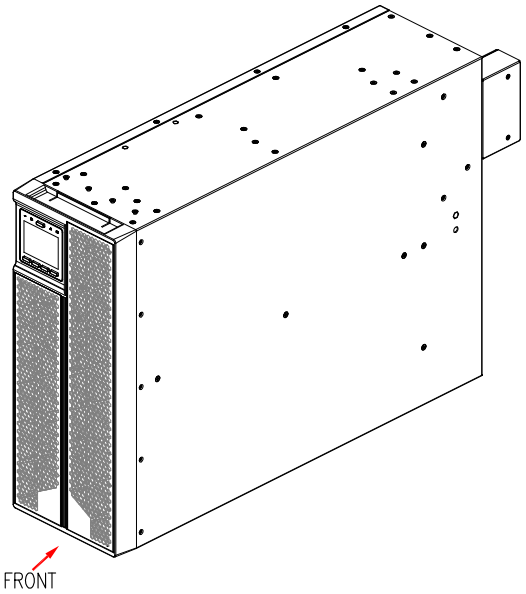
SKU #: SRTG5KXLI / SRTG6KXLI

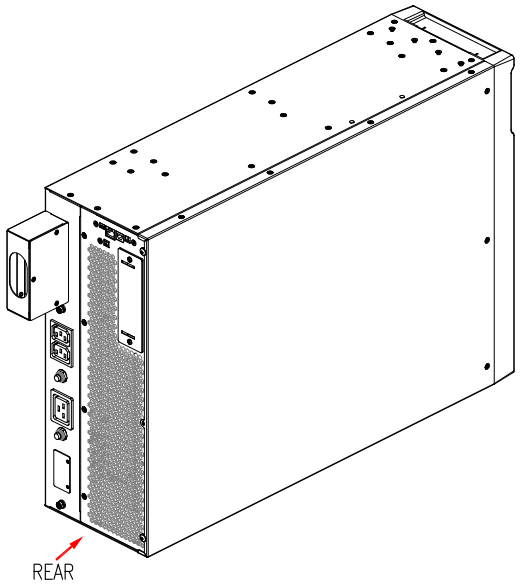
- RACK INSTALLATION (ISOMETRIC VIEWS)





- TOWER INSTALLATION (ISOMETRIC VIEWS)





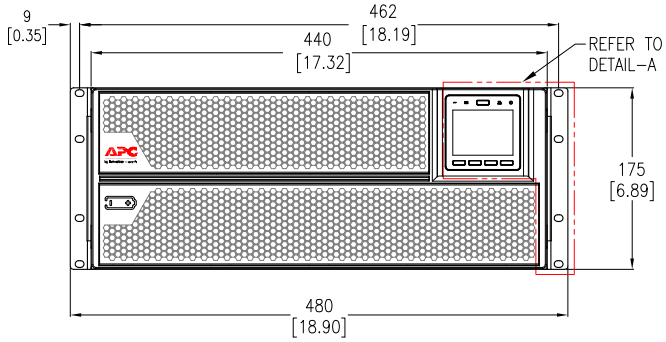
NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

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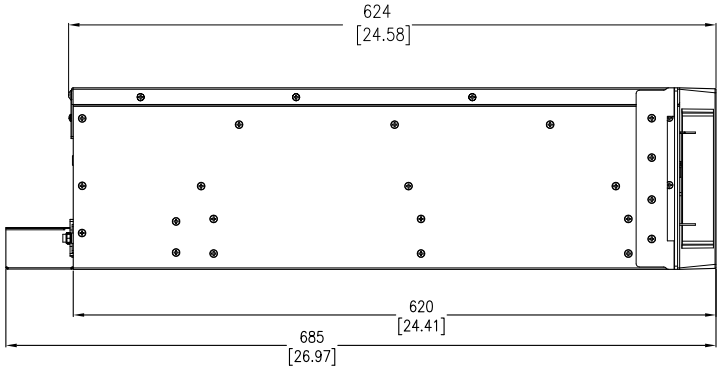
Schneider Electric

TITLE:	APC Smart UPS RT SRTG5KXLI/SRTG6KXLI INPUT: 1P:220-240V, 40-70Hz OUTPUT: 1PH:220/230/240V, 50/60Hz, 5/6kVA ISOMETRIC VIEWS
PROJECT: DRAWINGS	SHEET 2 OF 5

DWG NO:	SRTG5K6XLI		REV. 0
DRAWN:	RANJITHA	02-FEB-22	FIRST ANGLE PROJECTION
ENGINEER:	TONY CHEN	17-FEB-22	
APPROVED:	M LIPARE	17-FEB-22	

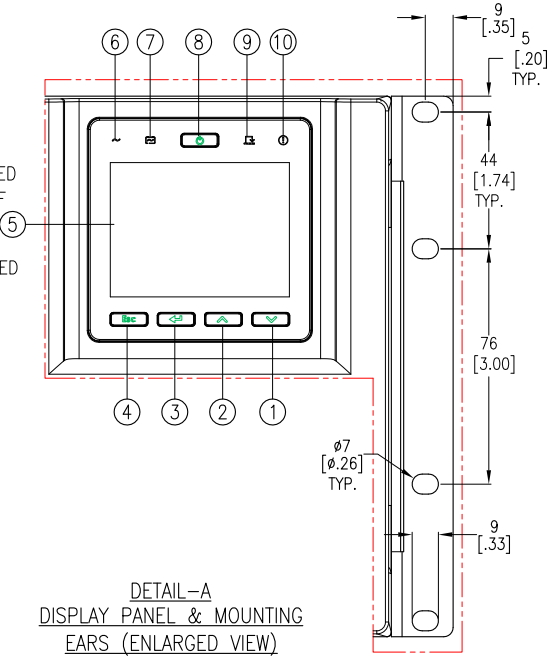


FRONT VIEW

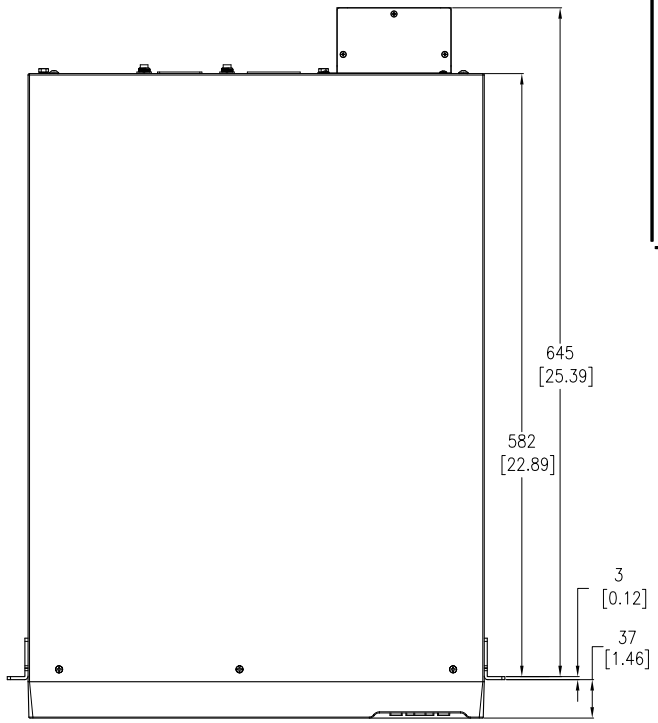


SIDE VIEW

1. DOWN BUTTON
2. UP BUTTON
3. OK BUTTON
4. ESC BUTTON
5. DISPLAY
6. Online LED
7. ON BATTERY LED
8. POWER ON/OFF BUTTON
9. BYPASS LED
10. ERROR DETECTED LED

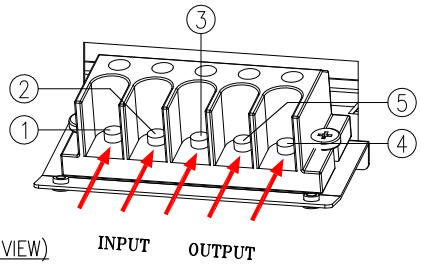


DETAIL-A
DISPLAY PANEL & MOUNTING EARS (ENLARGED VIEW)

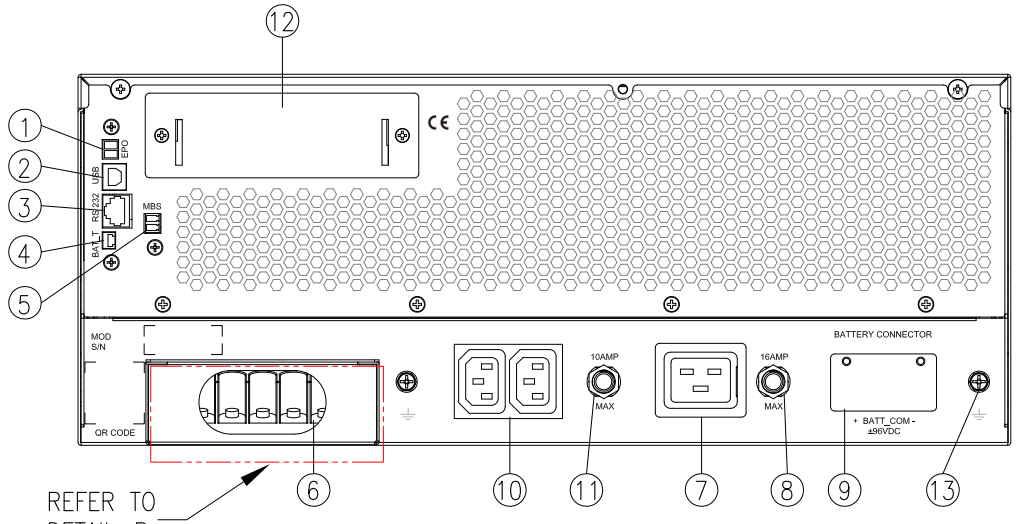


TOP VIEW

① INPUT LINE TERMINAL
② INPUT NEUTRAL TERMINAL
③ INPUT GROUNDING TERMINAL
④ OUTPUT LINE TERMINAL
⑤ OUTPUT NEUTRAL TERMINAL



DETAIL-B HARDWIRE I/O BOX
COVER NOT SHOWN (ENLARGED – REAR VIEW)



REAR VIEW (ENLARGED)

① EPO TERMINAL
② USB PORT
③ RS232 SERIAL PORT
④ BATTERY TEMPERATURE SENSOR TERMINAL
⑤ MAINTAIN BYPASS SIGNAL TERMINAL
⑥ HARDWIRE BOX INPUT/OUTPUT
⑦ CONTROLLABLE OUTLET GROUP-1 IEC 60320-C19
⑧ CIRCUIT BREAKER – 16A
⑨ EXTERNAL BATTERY INPUT PORT
⑩ CONTROLLABLE OUTLET GROUP-2 IEC 60320-C13
⑪ CIRCUIT BREAKER – 10A
⑫ SMART SLOT
⑬ GROUND SCREW

NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES], UNLESS OTHERWISE SPECIFIED. DIMENSIONS EXCLUDE SCREWS AND PROTRUDING PARTS.
4. CABLE ENTRY IS FROM REAR SIDE OF UNIT.
5. NET WEIGHT: 55.9kg [123.2 lb]

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Schneider Electric

TITLE: APC Smart UPS RT
SRTG5KXLI/SRTG6KXLI
INPUT: 1P:220–240V, 40–70Hz
OUTPUT: 1PH:220/230/240V, 50/60Hz, 5/6kVA
GENERAL ARRANGEMENT–RACK INSTALLATION

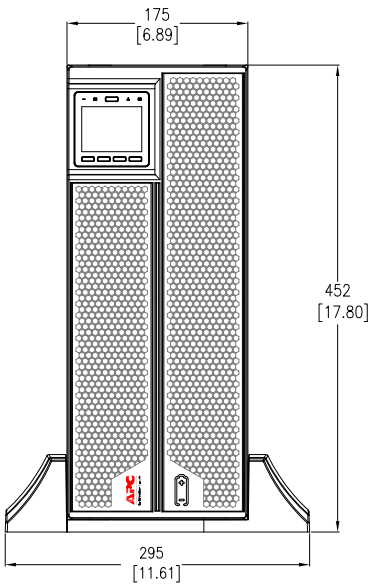
PROJECT: DRAWINGS | SHEET 3 OF 5

DWG NO: SRTG5K6XLI | REV. 0

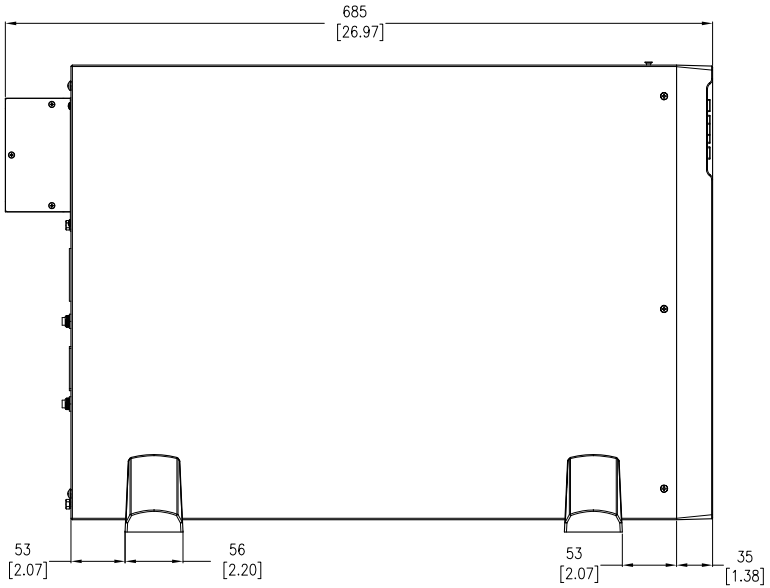
DRAWN:	RANJITHA	02–FEB–22
ENGINEER:	TONY CHEN	17–FEB–22
APPROVED:	M LIPARE	17–FEB–22

FIRST ANGLE PROJECTION

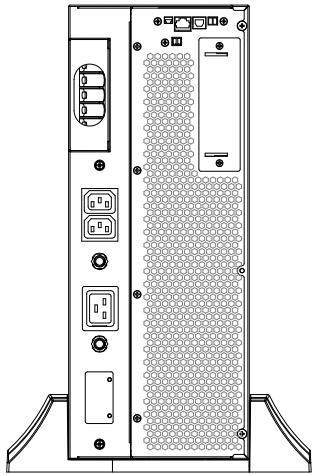
TOWER INSTALLATION



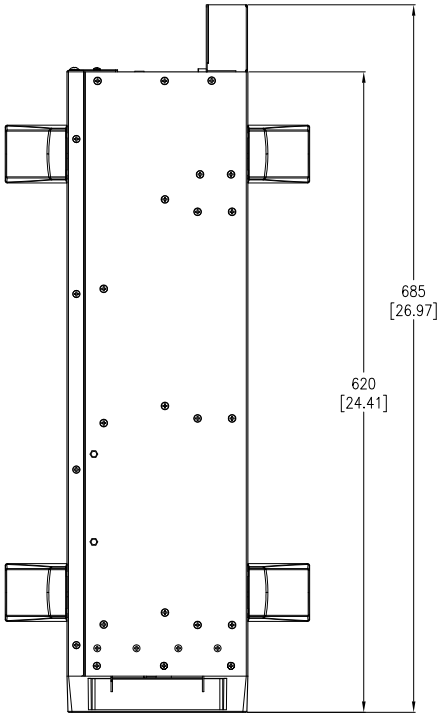
FRONT VIEW



SIDE VIEW



REAR VIEW



TOP VIEW

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES], UNLESS OTHERWISE SPECIFIED. DIMENSIONS EXCLUDE SCREWS AND PROTRUDING PARTS.
4. UNIT CAN BE TOWER INSTALLED IF REQUIRED. USE THE PROVIDED STABILIZER BRACKETS FOR TOWER INSTALLATION.

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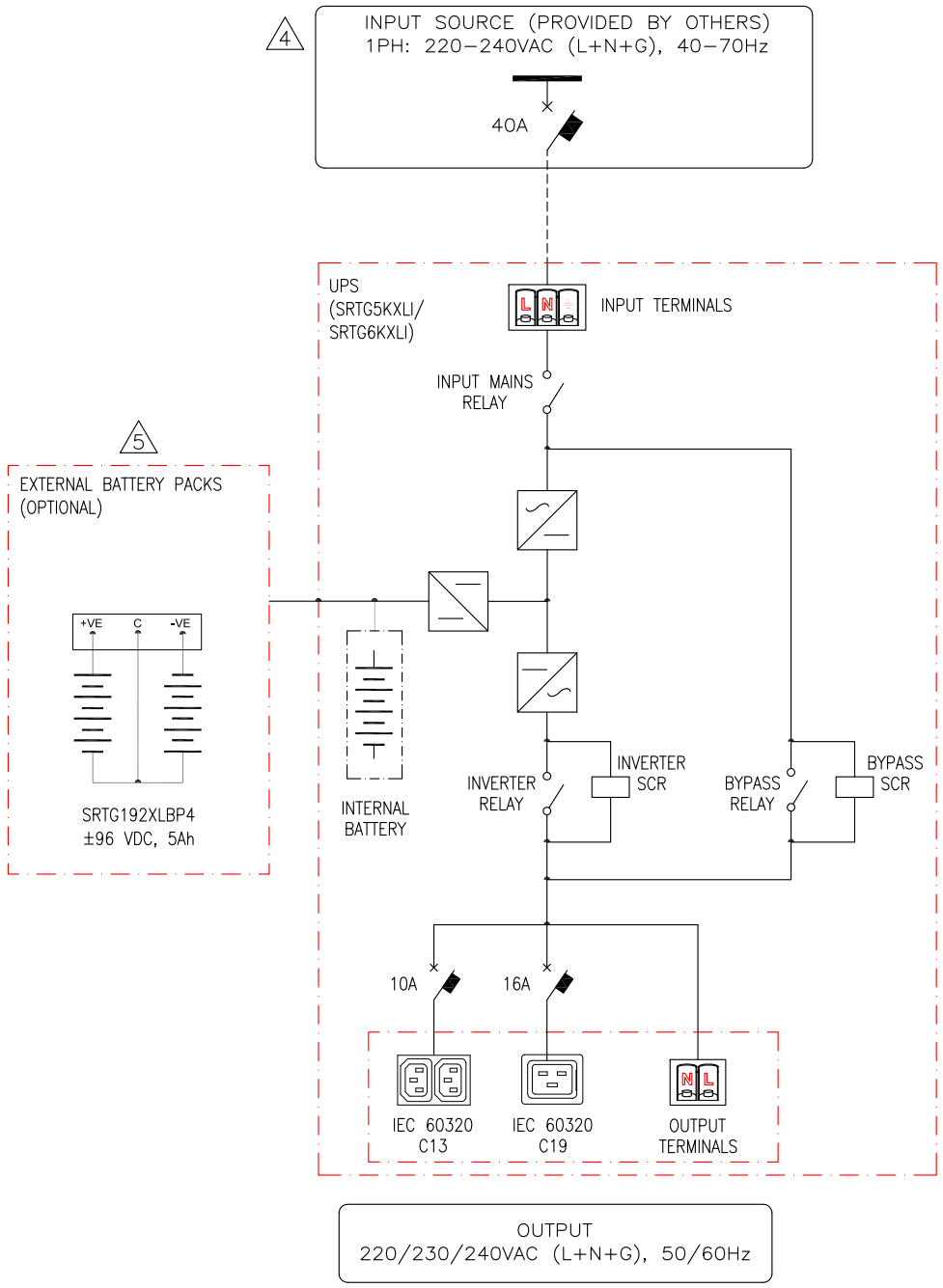
Schneider Electric

TITLE:	APC Smart UPS RT SRTG5KXLI/SRTG6KXLI INPUT: 1P:220-240V, 40-70Hz OUTPUT: 1PH:220/230/240V, 50/60Hz, 5/6kVA GENERAL ARRANGEMENT-TOWER INSTALLATION	DWG NO: SRTG5K6XLI	REV. 0
		DRAWN: RANJITHA	02-FEB-22
		ENGINEER: TONY CHEN	17-FEB-22
PROJECT: DRAWINGS	SHEET 4 OF 5	APPROVED: M LIPARE	17-FEB-22

FIRST ANGLE PROJECTION

UPS Rating	Phase wiring	Number of Phases	Voltage	Full load current@ Nominal Input voltage	External Input Circuit Breaker	Wire size*
5kVA	Input	1	220/230/240 VAC	28A	40A, 2-Pole	6 mmsq/ 8 AWG
	Output	1	220/230/240 VAC	23A		6 mmsq/ 8 AWG
6kVA	Input	1	220/230/240 VAC	33A	40A, 2-Pole	6 mmsq/ 8 AWG
	Output	1	220/230/240 VAC	28A		6 mmsq/ 8 AWG

*Terminal screw tightening torque: 3.969 Nm (35 lbf in).



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 IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. PLEASE REFER TO MECHANICAL DRAWINGS FOR MORE SPECIFIC PHYSICAL DATA.
△4. UTILITY SOURCE PROVIDED BY OTHERS. DASHED LINES BETWEEN UTILITY SOURCE & THE UNIT REPRESENTS UTILITY POWER CABLE. REFER TO TABLE FOR DETAILS.
△5. A MAXIMUM OF 4 EXTERNAL BATTERY PACKS CAN BE CONNECTED DEPENDING UPON THE RUN TIME REQUIREMENT.

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Schneider Electric

TITLE: APC Smart UPS RT
SRTG5KXLI/SRTG6KXLI
INPUT: 1P:220–240V, 40–70Hz
OUTPUT: 1PH:220/230/240V, 50/60Hz, 5/6kVA
SYSTEM ONELINE DIAGRAM

PROJECT: DRAWINGS | SHEET 5 OF 5

DWG NO: SRTG5K6XLI | REV. 0

DRAWN:	RANJITHA	02–FEB–22
ENGINEER:	TONY CHEN	17–FEB–22
APPROVED:	M LIPARE	17–FEB–22

ANGLE PROJECTION NA