



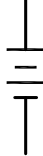



# APC SRYL UPS

Sheet No.	Component /Detail	Description
1	Drawing Guide	APC SRLY 20kW/20kVA Scalable with External Battery
2	General Arrangement	APC SRLY 20kW/20kVA Scalable with External Battery
3	Rear Views	APC SRLY 20kW/20kVA Scalable with External Battery
4	System One Line Diagram	APC SRLY 20kW/20kVA Scalable with External Battery
5	Neutral & Ground Continuity Diagram	APC SRLY 20kW/20kVA Scalable with External Battery

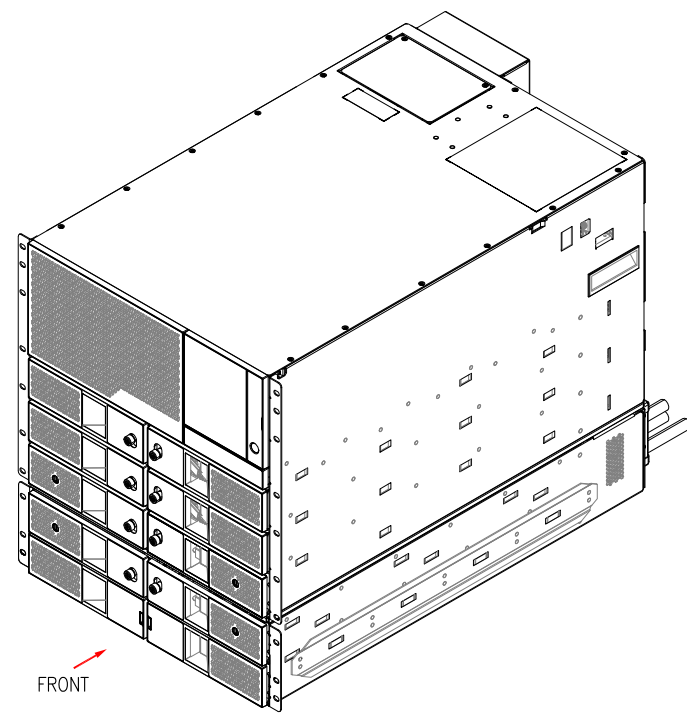
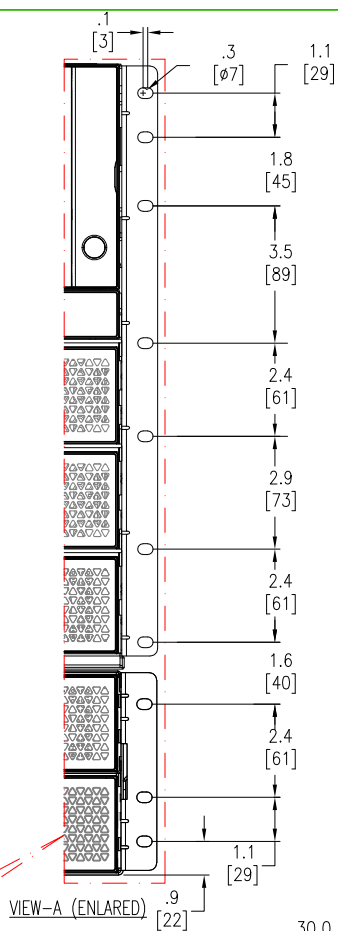
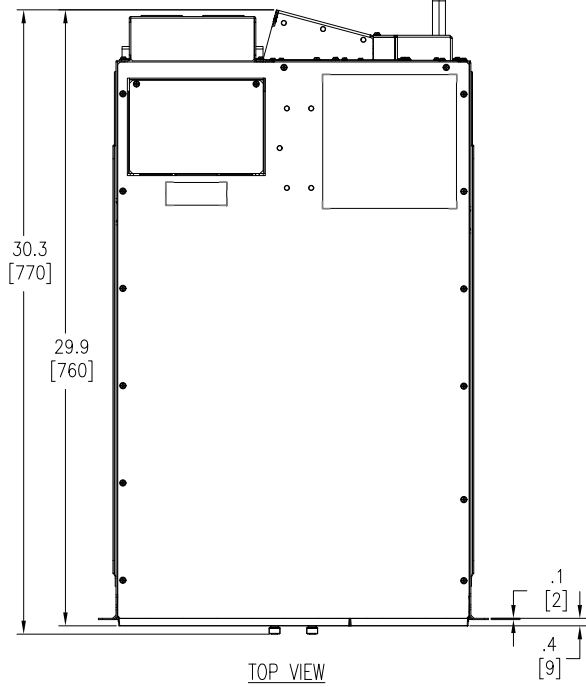
LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CIRCUIT BREAKER		AC-DC CONVERTER
	CONTACTOR		DC-AC CONVERTER (INVERTER)
	BATTERY		DC-DC CONVERTER

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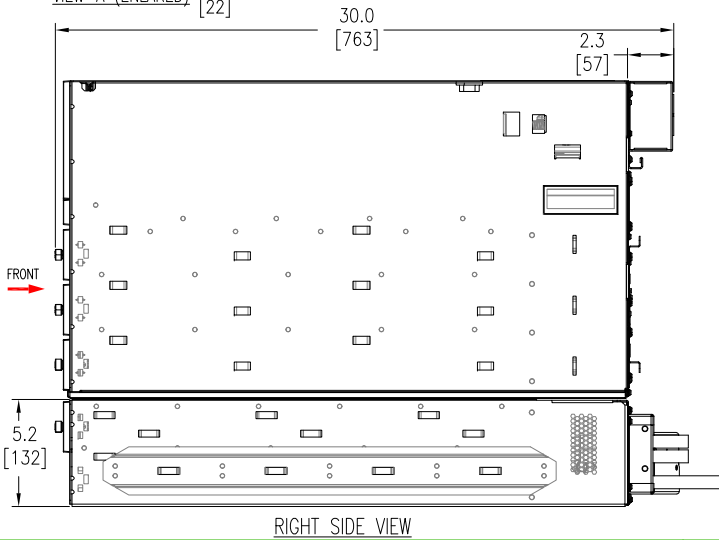
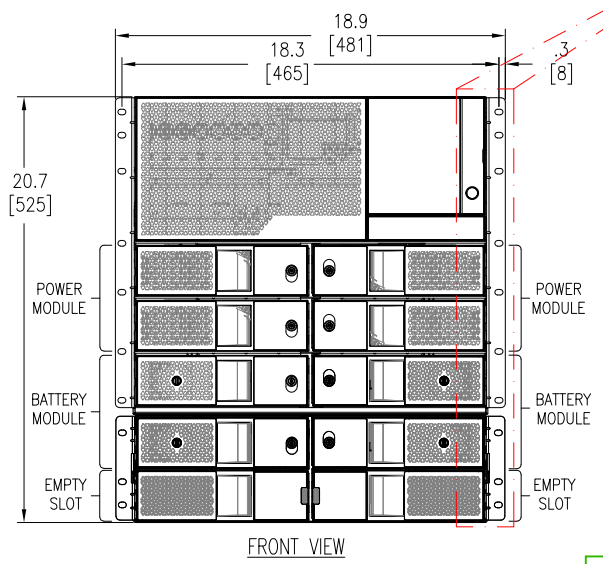


TITLE: APC SRYL  
 20kVA/20kW SCALABLE WITH EXT. BATT.  
 INPUT: 208/240V (2PH+N+G), 125A, 50/60Hz  
 OUTPUT: 120/208V OR 120/240V (2PH+N+G), 50/60Hz  
 DRAWING GUIDE  
 PROJECT: DRAWINGS SHEET 1 OF 5

DWG NO:	SRYL20K20RMXLT	REV.	0
DRAWN BY:	DIBYARANJAN	18-MAY-22	ANGLE
ENGINEER:	ANDREW/JEFF	24-MAY-22	PROJECTION
APPROVED BY:	STEVE DIGGINS	24-MAY-22	N/A



ISOMETRIC VIEWS



SKU Number	UPS Rating in kVA/kW	Power Module Quantity in numbers	Battery Module Quantity in numbers	Net Weight in lb [kg]
SRYL5K20RMXLT	5/5	1	1	160 [72.5]
SRYL10K20RMXLT	10/10	2	2	201 [91.5]
SRYL15K20RMXLT	15/15	3	3	243 [110.5]
SRYL20K20RMXLT	20/20	4	4	326 [148.0]

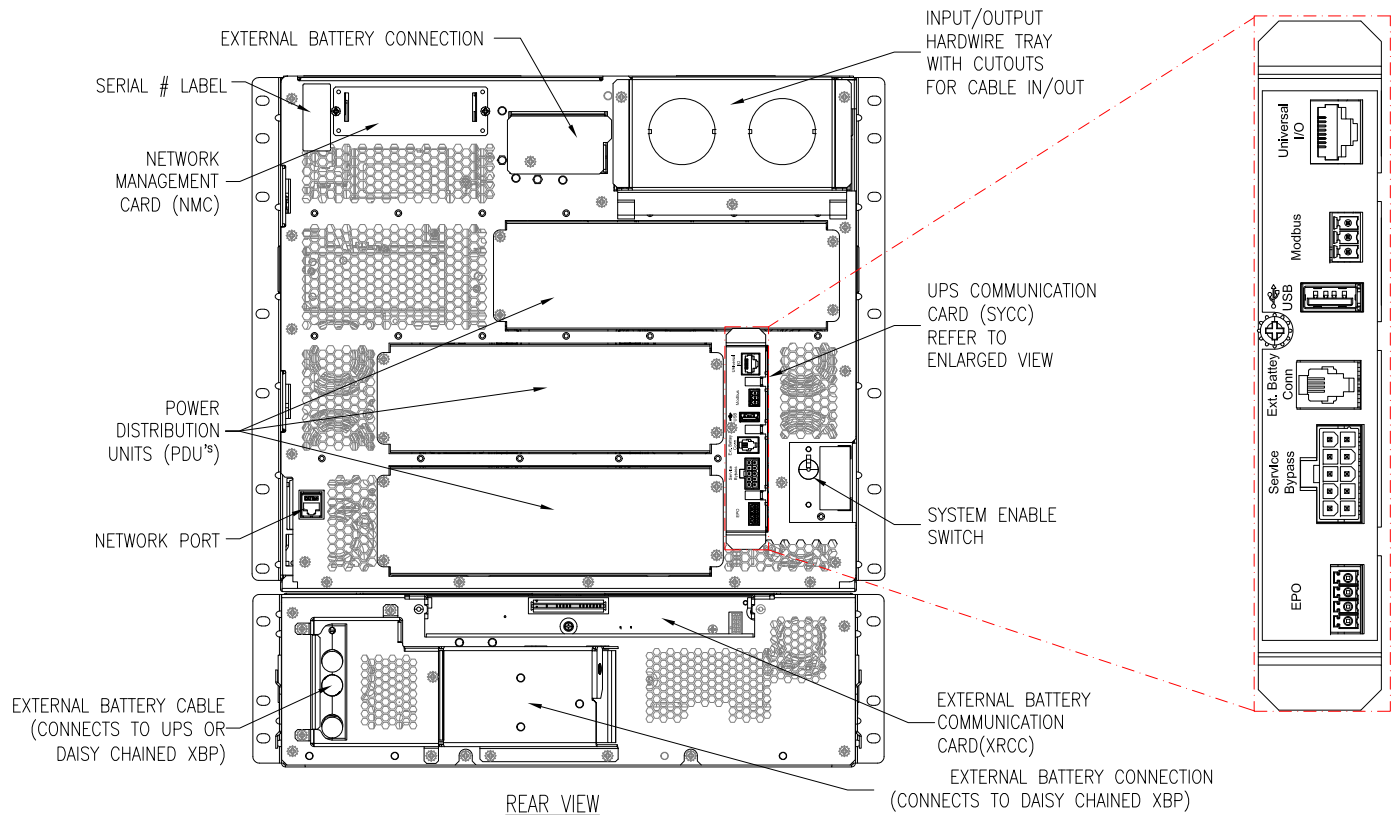
- NOTES:
- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  - REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  - ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
  - SRYL20K20RMXLT SHOWN FOR ILLUSTRATION. REFER TO TABLE FOR SKUs, RATINGS AND WEIGHT DETAILS.
  - EMPTY SLOTS FOR POWER/BATTERY MODULES SHALL BE COVERED WITH BLANKING PLATE.
  - CABLE ENTRY/EXIT IS FROM REAR SIDE OF THE UNIT.
  - OPERATING TEMPERATURE - 32°F [0°C] MIN. TO 104°F [40°C]

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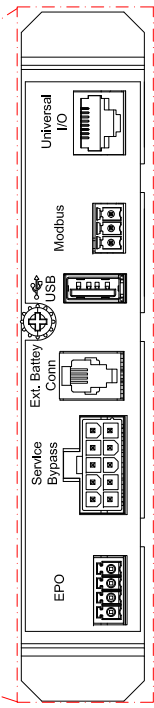


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 OUTPUT: 120/208V OR 120/240V (2PH+N+G), 50/60Hz  
 GENERAL ARRANGEMENT  
 PROJECT: DRAWINGS SHEET 2 OF 5

DWG NO: SRYL20K20RMXLT REV: 0  
 DRAWN BY: DIBYARANJAN 18-MAY-22 THIRD ANGLE PROJECTION  
 ENGINEER: ANDREW/JEFF 24-MAY-22  
 APPROVED BY: STEVE DIGGINS 24-MAY-22

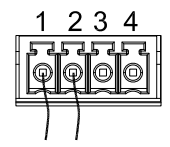


REAR VIEW

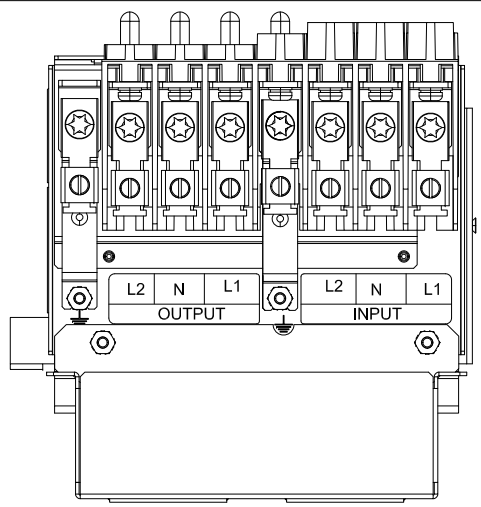
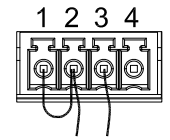


**EPO CONNECTION**

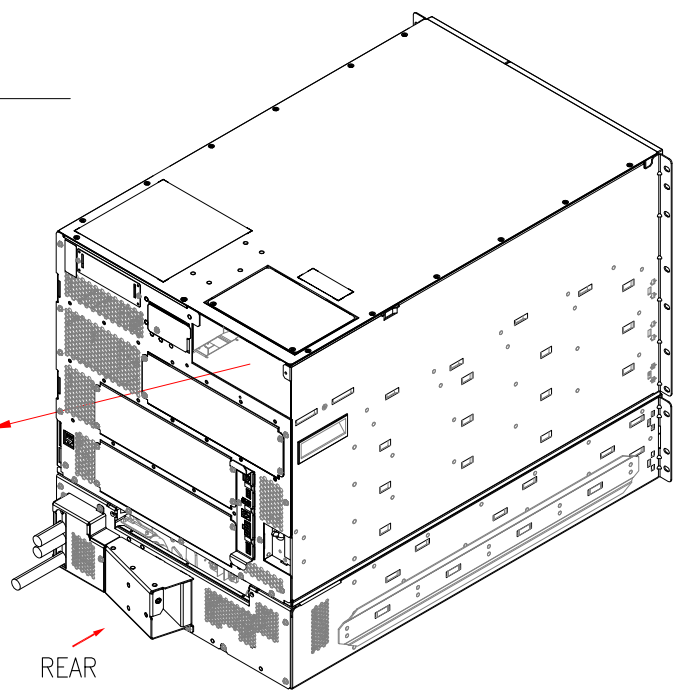
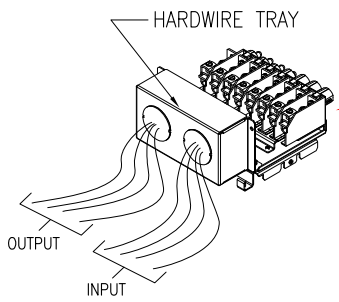
NORMALLY OPEN EPO CONTACTS



NORMALLY CLOSED EPO CONTACTS



TOP VIEW (ENLARGED)  
HARDWARE TRAY  
INPUT/OUTPUT CONNECTION TERMINALS



- NOTES:**
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  2. REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

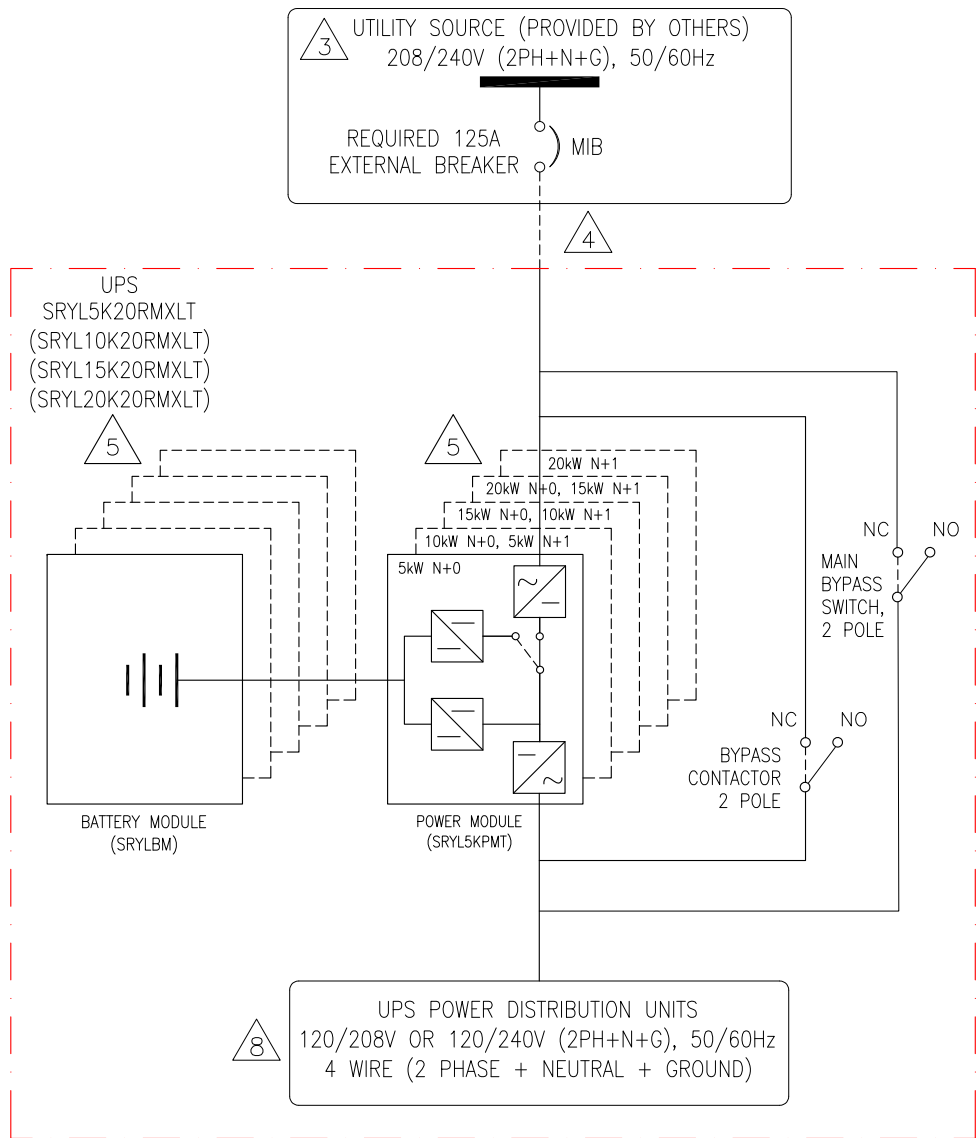
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TITLE: APC SRYL 20kVA/20kW SCALABLE WITH EXT. BATT.  
 INPUT: 208/240V (2PH+N+G), 125A, 50/60Hz  
 OUTPUT: 120/208V OR 120/240V (2PH+N+G), 50/60Hz  
 REAR VIEW

DWG NO: SRYL20K20RMXLT  
 DRAWN BY: DIBYARANJAN  
 ENGINEER: ANDREW/JEFF  
 APPROVED BY: STEVE DIGGINS

REV. 0  
 18-MAY-22  
 24-MAY-22  
 24-MAY-22  
 THIRD ANGLE PROJECTION



**NOTES:**

1. INSTALLATION SHALL COMPLY WITH NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK
3. UTILITY SOURCE MUST BE 120V/240V 50/60HZ 2PH+N+G PROVIDED BY OTHERS. REFER NEUTRAL & GROUND CONTINUITY DIAGRAM ON PAGE 5 FOR MORE DETAILS.
4. DASHED LINES ( - - - ) BETWEEN UTILITY SOURCE & UNIT REPRESENT CABLING PROVIDED BY OTHERS.
5. SRYL5K20RMXL WITH 1 POWER MODULE & 1 BATTERY MODULE PROVIDES UP TO 5kW OF POWER. ADDITIONAL POWER MODULE (SRYL5KPMT) AND BATTERY MODULE (SRYLBM) CAN BE PURCHASED TO PROVIDE REDUNDANCY OR INCREASE POWER RATING UP TO 20kW. AT LEAST ONE EXTERNAL BATTERY FRAME IS REQUIRED FOR 15kW N+1, 20kW N+0 AND 20kW N+1. BLOCKS SHOWN WITH DASHED (-----) LINES REPRESENTS AVAILABLE SPACE/SLOTS FOR ADDITIONAL POWER MODULES AND BATTERY MODULES.
6. UP TO FIVE ADDITIONAL BATTERY FRAMES CAN BE CONNECTED TO GET EXTENDED RUNTIME.
7. BATTERY TYPE: 180V/2.47Ah/444.6Wh, Li-ION RECHARGEABLE BATTERY.
8. THERE ARE PROVISIONS FOR 3 PDUs BUT THOSE ARE SOLD SEPARATELY.

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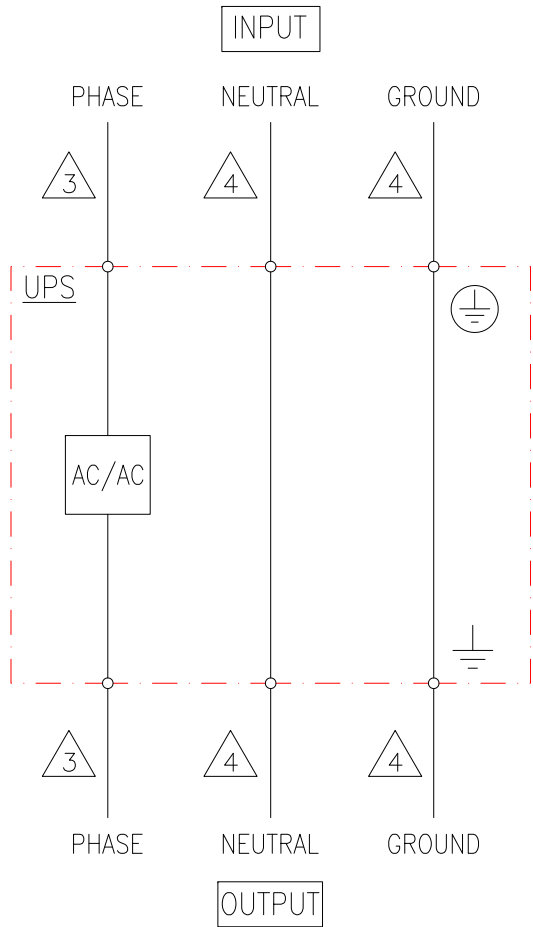


TITLE: APC SRYL  
 20kVA/20kW SCALABLE WITH EXT. BATT.  
 INPUT: 208/240V (2PH+N+G), 125A, 50/60Hz  
 OUTPUT: 120/208V OR 120/240V (2PH+N+G), 50/60Hz  
 SYSTEM ONE LINE-DIAGRAM  
 PROJECT: DRAWINGS SHEET 4 OF 5

DWG NO: SRYL20K20RMXL  
 DRAWN BY: JAYAPRAKASH 12-JUL-22  
 ENGINEER: ANDREW/JEFF 12-JUL-22  
 APPROVED BY: STEVE DIGGINS 12-JUL-22

REV. 1  
 ANGLE  
 PROJECTION  
 N/A

# NEUTRAL & GROUND CONTINUITY DIAGRAM



**NOTES:**

1. INSTALLATION SHALL COMPLY WITH NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK
- △3. ONE OR MORE PHASE CONNECTIONS DEPENDING ON MODEL.
- △4. INPUT AND OUTPUT NEUTRAL AND GROUND ARE PERMANENTLY CONNECTED.
5. EQUIPMENT IS NOT CONSIDERED A SEPARATELY DERIVED SYSTEM. (REF NEC 2008 ARTICLE 250.20.(D)).

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 OUTPUT: 120/208V OR 120/240V (2PH+N+G), 50/60Hz  
 PROJECT: DRAWINGS SHEET 5 OF 5

DWG NO:	SRYL20K20RMXLT	REV.	0
DRAWN BY:	DIBYARANJAN	18-MAY-22	ANGLE
ENGINEER:	ANDREW/JEFF	24-MAY-22	PROJECTION
APPROVED BY:	STEVE DIGGINS	24-MAY-22	N/A