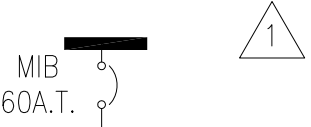
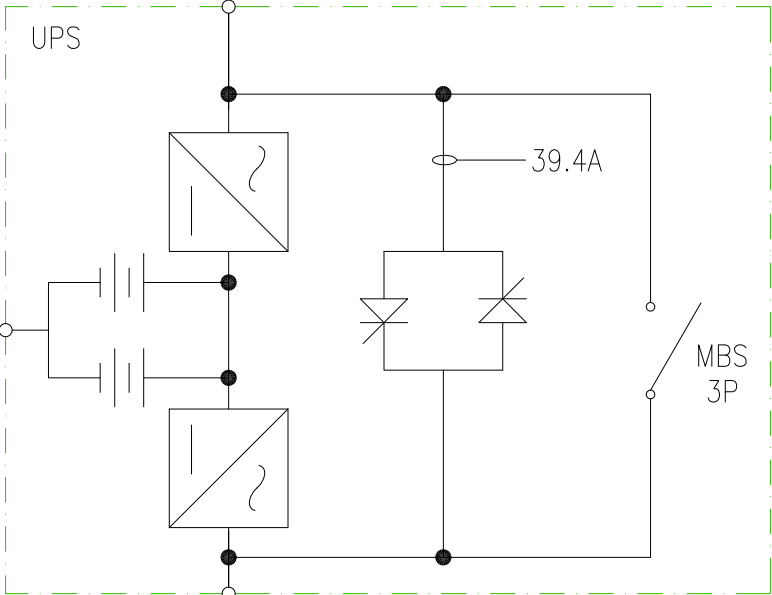
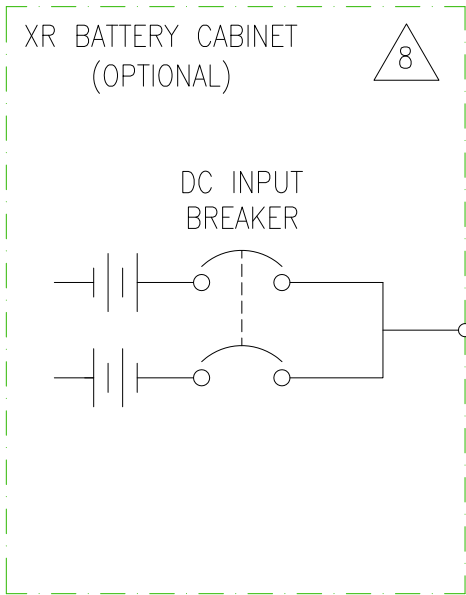


UTILITY SOURCE  
(PROVIDED BY OTHERS)  
3PH 220Y/127V  
4 WIRE + GROUND



39.4A



33.3A



39.4A

MBS 3P



39.4A

UPS SYSTEM OUTPUT 15kVA  
220V 3PH - 4 WIRE + GROUND

**NOTES:**

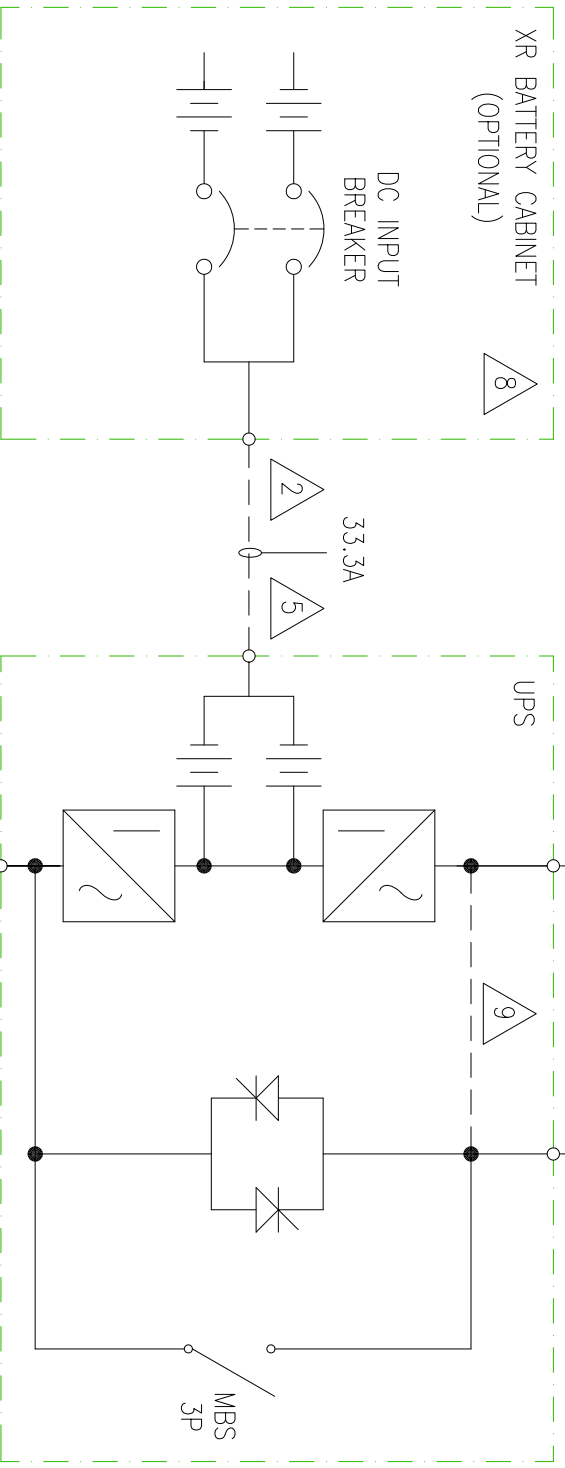
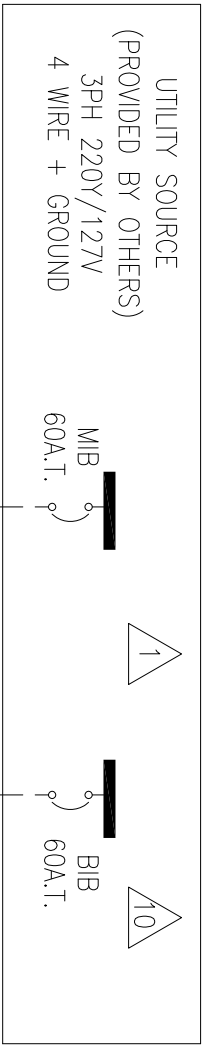
- Δ1. SHALL BE 4 WIRE + GROUND WYE SOURCE (PROVIDED BY OTHERS).
- Δ2. ----- = AC/DC CABLING (PROVIDED BY OTHERS).
- 3. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- 4. SEE PRODUCT DOCUMENTATION FOR FURTHER INFORMATION
- Δ5. 3 WIRE + GROUND. DC AND AC CABLING SHALL BE IN SEPARATE CONDUITS.
- 6. INPUT OVERCURRENT PROTECTION IS BASED ON 80% RATING ANY DEVIATION PLEASE CONTACT APC.
- 7. AC POWER CABLING IS 4 WIRE + GROUND AT 220VAC 3-PHASE.
- Δ8. XR BATTERY CABINET CAN BE BAYED TO UPS. BAYING KIT SHALL BE PURCHASED AS AN OPTION. XR BATTERY CABINET IS AVAILABLE WITHOUT BREAKER, WITH DC FUSES ONLY UO TO 4 XR BATTERY CABINETS CAN BE CONNECTED TO UPS TO EXTEND BACK UP TIME.
- 9. THIS DRAWING DEPICTS THE POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF THE PHYSICAL LAYOUT. PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
- 10. UPS INPUT AND OUTPUT CABLES SHALL BE IN SEPARATE CONDUITS.
- 11. POWER WIRING AND CONTROL WIRING SHALL BE IN SEPARATE CONDUITS.
- 12. SINGLE MAINS INSTALLATION IS A DEFAULT. FOR DUAL MAINS OPTION REFER TO SHEET 2 FOR DETAILS.
- 13. OUTPUT OVERCURRENT PROTECTION SHALL BE PROVIDED BY OTHERS. RECOMMENDED OUTPUT BREAKER RATING 50A.

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TITLE:  
SMART-UPS VT  
INPUT: 220V 3φ SINGLE MAINS  
OUTPUT: 220/127V 15kVA  
SYSTEM ONE LINE  
PROJECT: STD SUBMITTAL DRAWINGS SHEET 1 OF 2

DWG NO:	SUVTP15K220-SD	REV.	1
DRAWN BY:	V BUSH	28-MAR-11	PROJ
ENGINEER:	J RING/F DIOSA	28-MAR-11	ANGLE
APPROVED BY:	R HANSEN/E SILVA	28-MAR-11	N.A.



UPS SYSTEM OUTPUT 15KVA  
220V 3PH - 4 WIRE + GROUND

- NOTES:
- Δ1. SHALL BE 4 WIRE + GROUND WYE SOURCE (PROVIDED BY OTHERS).
  - Δ2. ----- = AC/DC CABLING (PROVIDED BY OTHERS).
  - 3. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES. SEE PRODUCT DOCUMENTATION FOR FURTHER INFORMATION
  - Δ5. 3 WIRE + GROUND. DC AND AC CABLING SHALL BE IN SEPARATE CONDUITS.
  - 6. INPUT OVERCURRENT PROTECTION IS BASED ON 80% RATING ANY DEVIATION PLEASE CONTACT APC.
  - 7. AC POWER CABLING IS 4 WIRE + GROUND AT 220VAC 3-PHASE.
  - Δ8. XR BATTERY CABINET CAN BE BAYED TO UPS. BAYING KIT SHALL BE PURCHASED AS AN OPTION. XR BATTERY CABINET IS AVAILABLE WITHOUT BREAKER, WITH DC FUSES ONLY UO TO 4 XR BATTERY CABINETS CAN BE CONNECTED TO UPS TO EXTEND BACK UP TIME.
  - Δ9. FOR DUAL MAINS INSTALLATION 3 BRIDGE BUS BARS BETWEEN MAIN AND BYPASS INPUTS SHALL BE REMOVED.
  - Δ10. BYPASS INPUT CAN BE PROVIDED VIA UTILITY SOURCE OR OTHER NON-SYNCRONIZED SOURCE. PLEASE CONTACT APC IF DUAL SOURCES ARE BOTH SEPARATELY DERIVED POWER SYSTEMS.
  - 11. THIS DRAWING DEPICTS THE POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF THE PHYSICAL LAYOUT. PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
  - 12. UPS INPUT AND OUTPUT CABLES SHALL BE IN SEPARATE CONDUITS.
  - 13. POWER WIRING AND CONTROL WIRING SHALL BE IN SEPARATE CONDUITS.
  - 14. OUTPUT OVERCURRENT PROTECTION SHALL BE PROVIDED BY OTHERS. RECOMMENDED OUTPUT BREAKER RATING 50A.

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TITLE:	SMART-UPS VT INPUT: 220V 3Ø DUAL MAINS OUTPUT: 220V/127V 15KVA SYSTEM ONE LINE	DWG. NO.:	SUVT15K220-SD	REV:	1
PROJECT: STD SUBMITTAL DRAWINGS	SHEET: 2 OF 2	DESIGN BY:	V BUSH	DATE:	28-MAR-11
		ENGINEER:	J RING/ E DIOGA	DATE:	28-MAR-11
		APPROVED BY:	R HANSEN/ E SILVA	DATE:	28-MAR-11
				PROJ ANGLE	N.A.