

- NOTES:**
1. INSTALLATION MUST COMPLY WITH NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR FURTHER INFORMATION.
 - △3. UTILITY SOURCE MUST BE 1PH 220/230/240VAC (1PH+N+G) 50/60Hz OR 3PH 380/400/415VAC(3PH+N+G) 50/60Hz PROVIDED BY OTHERS. NEUTRAL AND GROUND CONTINUITY IS SHOWN ON SHEET 2 OF THIS DRAWING.
 - △4. DASHED LINES BETWEEN UNITS (- - - -) REPRESENT CABLING PROVIDED BY OTHERS.
 - △5. THE SYMMETRA LX, SKU NUMBER SYA16K16I, IS SHOWN IN A NON-REDUNDANT CONFIGURATION, HAVING FOUR (4) POWER MODULES (SYPM4KI) AND FOUR (4) BATTERY MODULES (SYBT5), PROVIDING UP TO 16kVA POWER. A FURTHER POWER MODULE (SYPM4KI) CAN BE PURCHASED SEPARATELY AND INSTALLED IN THE UNIT TO PROVIDE AN N+1 REDUNDANT SYSTEM, OFFERING A TOTAL SYSTEM POWER OF UP TO 16kVA WITH REDUNDANCY.
 - △6. UP TO FOUR (4), OPTIONAL, SYMMETRA LX PDU PANELS CAN BE PURCHASED SEPARATELY AND INSTALLED TO PROVIDE FURTHER LOAD CONNECTIONS.
 7. BLOCKS SHOWN WITH DASHED (-----) LINES REPRESENTS AVAILABLE SPACE/SLOTS FOR ADDITIONAL POWER MODULES AND BATTERY UNITS.
 8. UP TO SEVEN (7) ADDITIONAL EXTENSION BATTERY CABINETS CAN BE CONNECTED TO INCREASE THE RUNTIME FURTHER.
 - △9. A SMALLER OUTPUT BREAKER MAY BE USED TO ALLOW CIRCUIT BREAKER COORDINATION, HOWEVER THIS MAY REDUCE THE MAXIMUM LOAD KVA SUPPORTED.

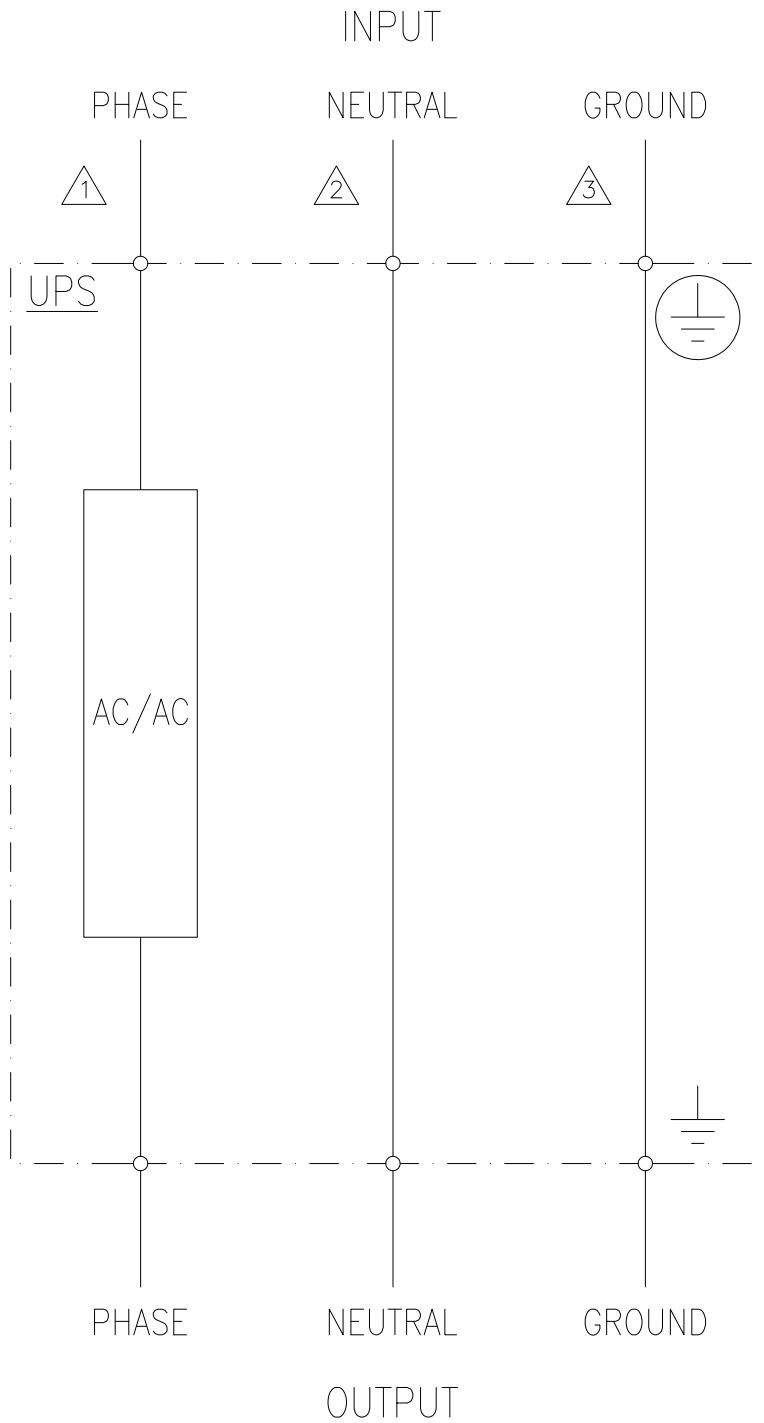
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TITLE: SYMMETRA LX 16kVA TOWER
 INPUT: 220/230/240VAC (1φ+N+G) 50/60Hz
 OR 380/400/415VAC (3φ+N+G) 50/60Hz
 OUTPUT: 220/230/240VAC 50/60Hz
 SYSTEM SINGLE-LINE DIAGRAM

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 2

DWG NO:	SYA16K16I-SD	REV:	2
DRAWN:	S CUNHA	13-JAN-11	PROJ.
ENGINEER:	K WHITE	13-JAN-11	ANGLE
APPROVED:	N WHITING	13-JAN-11	N/A



NOTES:

- △1. ONE OR MORE PHASE CONNECTIONS DEPENDING ON MODEL.
- △2. INPUT AND OUTPUT NEUTRAL ARE PERMANENTLY CONNECTED.
- △3. INPUT AND OUTPUT GROUND ARE PERMANENTLY CONNECTED.
- 4. EQUIPMENT IS NOT CONSIDERED A SEPARATELY DERIVED SYSTEM.
(REF NEC 2008 ARTICLE 250.20.(D))

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TITLE: SYMMETRA LX 16kVA TOWER
 INPUT: 220/230/240VAC (1φ+N+G) 50/60Hz
 OR 380/400/415VAC (3φ+N+G) 50/60Hz
 OUTPUT: 220/230/240VAC 50/60Hz
 NEUTRAL AND GROUND CONTINUITY

DWG NO: SYA16K16I-SD

REV. 0

DRAWN:	S CUNHA	13-JAN-11	PROJ.
ENGINEER:	K WHITE	13-JAN-11	ANGLE
APPROVED:	N WHITING	13-JAN-11	N/A