



NOTES:

1. ALL DATA IN THIS DRAWING PROVIDED FOR FULLY POPULATED UNIT
2. PLEASE REFER TO APC INSTALLATION GUIDE
3. MAINS 3x400/230V TN-S (PROVIDED BY OTHERS)
4. Q1 - Q6 WITH 2NO/2NC AUXILIARY CONTACTS.
5. Q7, Q8 DC RATED THERMAL MAGNETIC TRIP MOLDED CASE CIRCUIT BREAKER WITH 24VOLT DC UNDERVOLTAGE RELEASE (UVR) AND 2NO/2NC AUXILIARY CONTACTS.
6. ALL AC POWER CABLING IS L1,L2,L3,N,PE
7. UPS INPUT AND OUTPUT CONDUCTORS MUST BE IN SEPARATE CABLE RUNS.
8. UPS AND STATIC BYPASS WITHSTAND RATING (Icw) = 200kA
9. PLEASE REFER TO THE INSTALLATION MANUAL FOR THE BREAKER SETTINGS OF Q1,Q3,Q4 AND Q5
10. DC CABLING SHOULD BE SEGREGATED FROM AC CABLING
11. SEE BATTERY INSTALLATION INFORMATION
12. POWER WIRING AND CONTROL WIRING SHOULD BE SEGREGATED.
13. - - - - - = CABLING PROVIDED BY OTHERS
14. INSTALLATION MUST COMPLY WITH NATIONAL AND LOCAL ELECTRICAL REGULATIONS.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF AMERICAN POWER CONVERSION AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM APC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

TITLE: SYMMETRA MW
400V, 3PH, 1x1600kW
SINGLE MAINS
SYSTEM ONE LINE DIAGRAM

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 1

DWG NO: SYMF1600K1600H1C1-SD
REV: 4

DRAWN: BALAMURUGAN	16/03/07
CHECKED: B.H.NIELSEN	16/03/07
ENGINEER: C.LARSEN	16/03/07

PROJECTION

AMERICAN POWER CONVERSION
132 FAIRGROUNDS RD
WEST KINGSTON, RI 02892