



## INPUT SURGE PROTECTION

TO SURGE-ONLY HOT

SURGE OUT RED

GROUND GRN

SURGE NEUT

TO SURGE-ONLY NEUTRAL

120V: C88A, C90A, MV4.5, & 6=380-2301  
230V: C88, C90, MV4=380-0009, MV5,6=NONE

## BWF Circuit

120V version only

## BATTERY CHARGER CIRCUIT

## RELAY TRANSFER

120V: RY1A & RY1B=450-0012A, RY1=NONE  
230V: RY1A & RY1B=NONE, RY1=450-0068

AVR HOT RED

J13 OR J13A AVR BOOST BLK

TO BATTERY-BACKED HOT

ORG UPS OUT

120V: 380-1501  
230V: 380-0001

TO BATTERY-BACKED NEUTRAL

VIO UPS NEUT

## LINE SENSE CIRCUIT

## SYNC CIRCUIT

Components in dotted box may be  
depopulated/changed in some versions.  
Use BOM to verify value.

NOTE: ALL VALUES ARE FOR REFERENCE ONLY. SEE BOM FOR ACTUAL VALUES AND POPULATIONS.

REV	ECO	DESCRIPTION	DWN	CHK	APVL	DATE
1						
2						
3						
4						
5						
6						
7						
8						

DRAWN NP/PJ/GL	DATE 04/24/02	<b>APC</b> AMERICAN POWER CONVERSION	SCHEMATIC TITLE: SCHEMATIC, CERRO TORRE MODEL#:	REV 05
CHECKED	04/24/02			
ENGINEER NP/DR/MC	04/24/02			
ENG-MGR JD	04/24/02			
QUALITY:				
PRODUCTION				
SCALE: NONE		FILE NAME: 640-0253E_REV05	SHEET 2 OF 4	

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