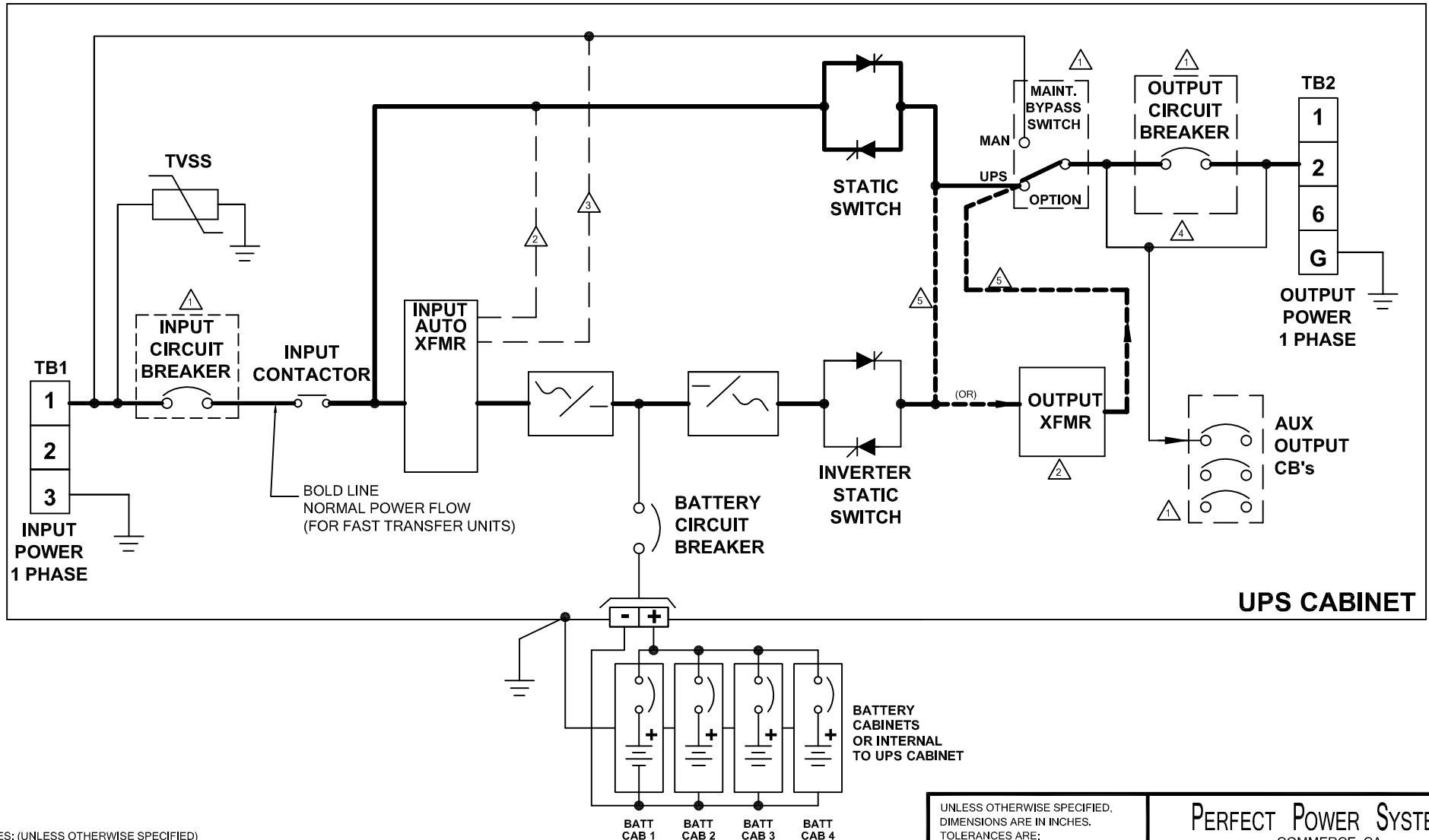


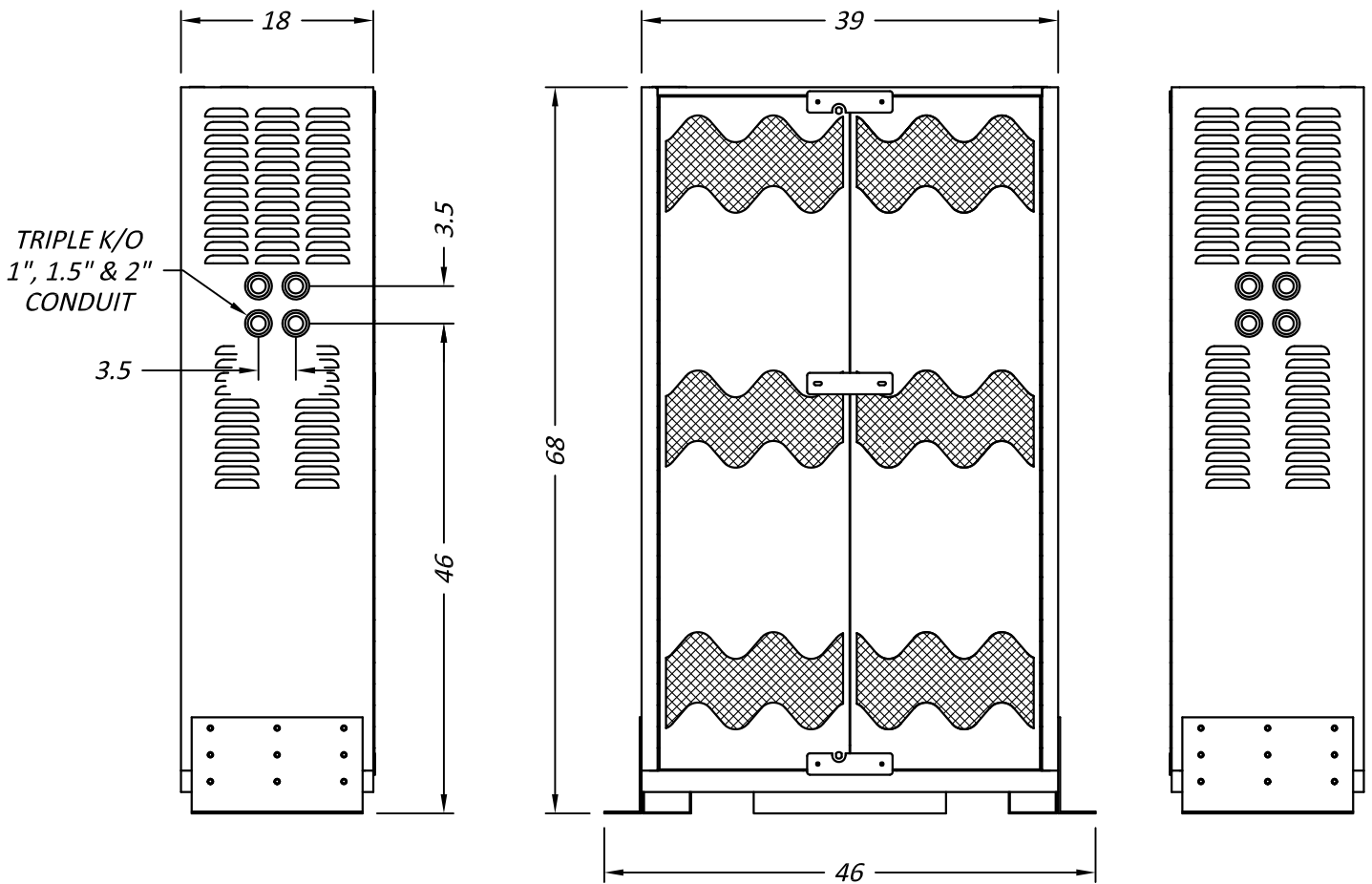
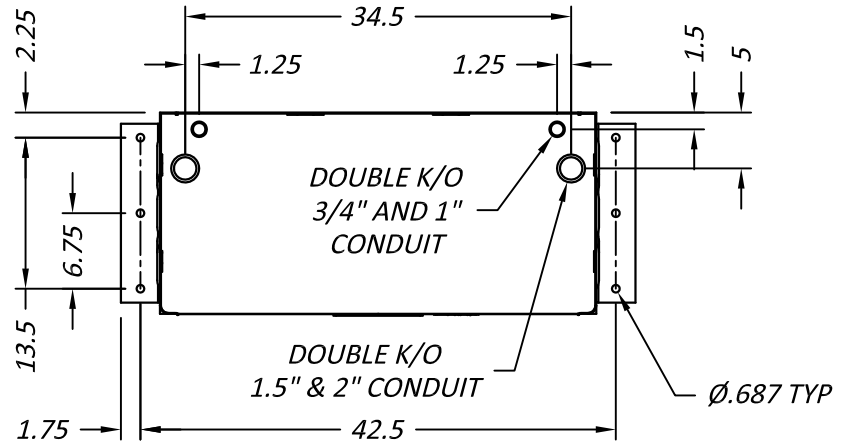
REVISION				
REV	ECO	DESCRIPTION	DATE	APPROVED
A	8323	NEW RELEASE	01/07/07	H.BAIK
B	9550	REVISED FOR INTERNAL BATTERY	7/12/11	H.BAIK
C	9835	REVISED	8/10/12	H.BAIK



- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ① ALL DOTTED LINE ARE OPTIONAL.
 - ② USE FOR DIFFERENT INPUT/ OUTPUT VOLTAGE UNITS.
 - ③ CONNECT THIS WAY FOR DIFFERENT INPUT/OUTPUT VOLTAGE UNITS.
 - ④ IN CASE OF OUTPUT CB / AUX OUTPUT CB BOTH USED, WIRES AUX CB's TO MBS OUTPUT.
 - ⑤ FAST TRANSFER UNITS (INVERTER IS AT STAND-BY MODE WITH OR WITHOUT OUTPUT XFMR).

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS FRACTIONS ANGLES .XX ± .03 ± 1/64 ± 1/2° .XXX ± .010		PERFECT POWER SYSTEMS COMMERCE, CA	
CADD: S.SHAHSAVARI		10/12/10	
CHKD: S.S.		10/12/10	
APPVD: H. BAIK		10/12/10	
TITLE: 1Ø PHASE UPS, BLOCK DIAGRAM STANDARD MODE/ FAST TRANSFER		SIZE: A	DWG: 6001-033-03P
SCALE:		EST. WT:	SHT 1 OF 1
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE			

**OSHPD CERTIFIED
INVERTER WITH
90 MIN BACKUP**



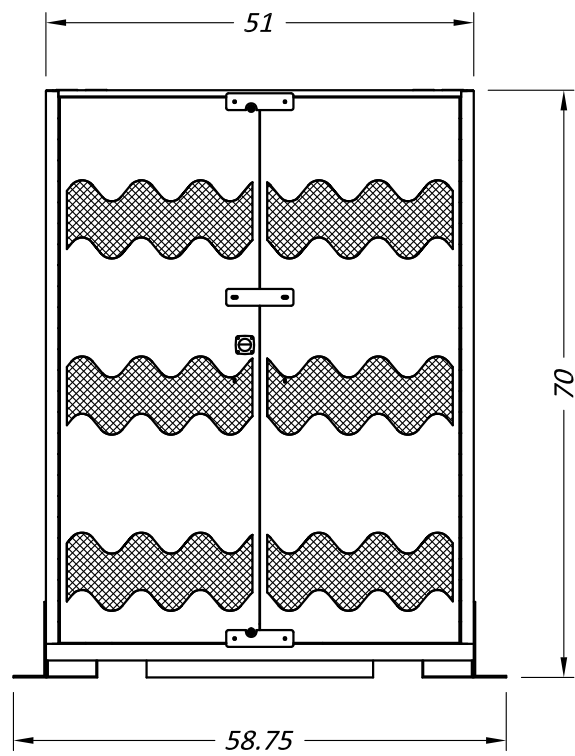
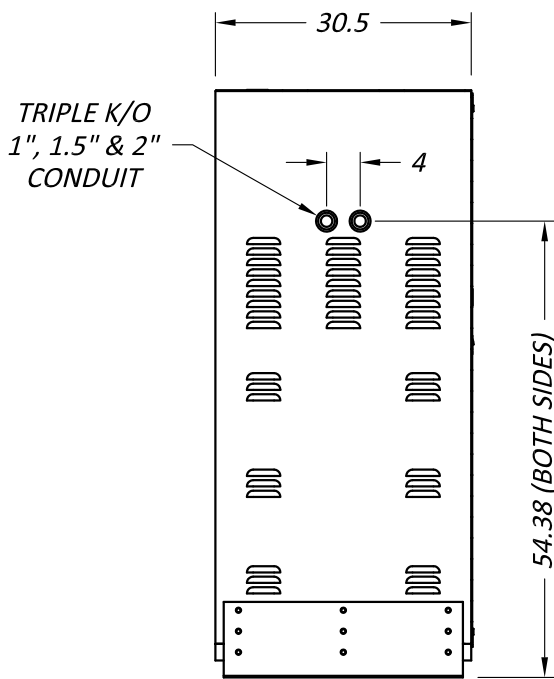
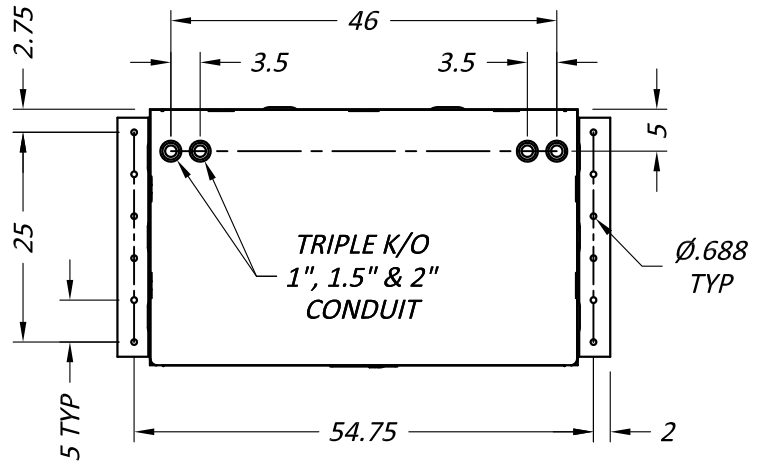
NOTES:

1) 7.5KW CAN BE IN 39" OR 51" WIDE CABINET
DEPENDING ON THE BATTERY TYPE.

STD VRLA BATTERY

POWER RIDE 1 3 KW THRU 8 KW			710-SV-TD-A <small>Rev A</small>	PERFECT POWER SYSTEMS
CADD:	RAUL	7/26/18		
CHKD:	BAIK	7/26/18		

**OSHPD CERTIFIED
INVERTER WITH
90 MIN BACKUP**



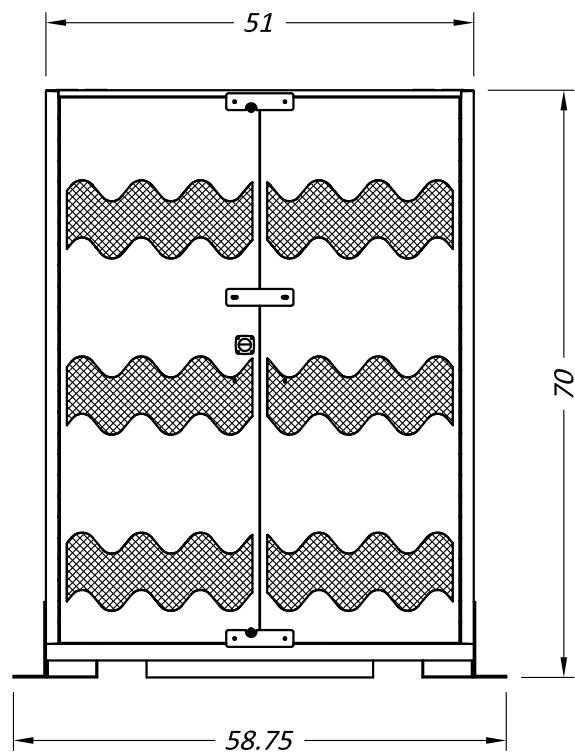
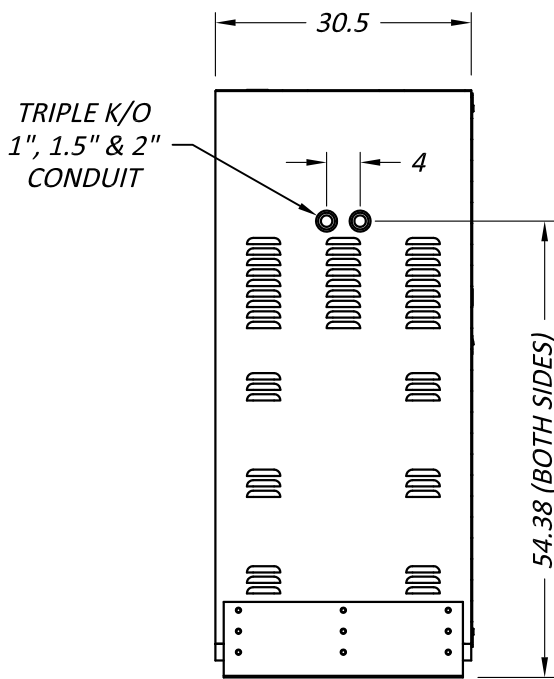
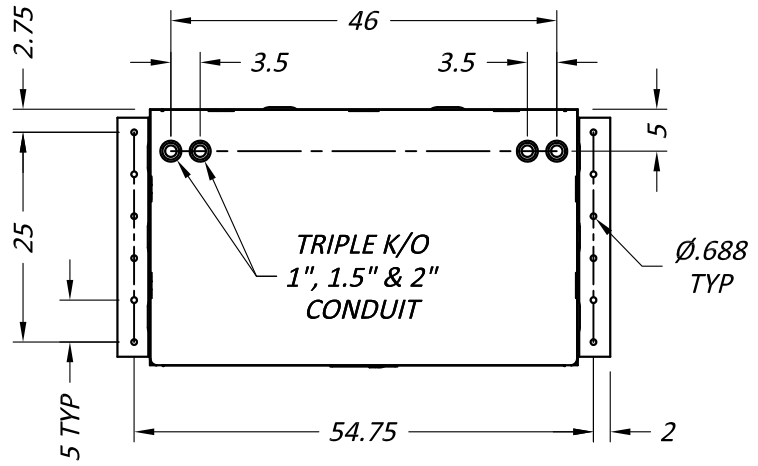
NOTES:

1) 7.5KW CAN BE IN 39" OR 51" WIDE CABINET
DEPENDING ON THE BATTERY TYPE.

STD VRLA BATTERY

POWER RIDE 1 7.5KW, 10KW THRU 17KW			710-SV-TD-B <small>Rev A</small>	PERFECT POWER SYSTEMS
CADD:	RAUL	7/26/18		
CHKD:	BAIK	7/26/18		

OSHPD CERTIFIED INVERTER WITH 90 MIN BACKUP



NOTES:

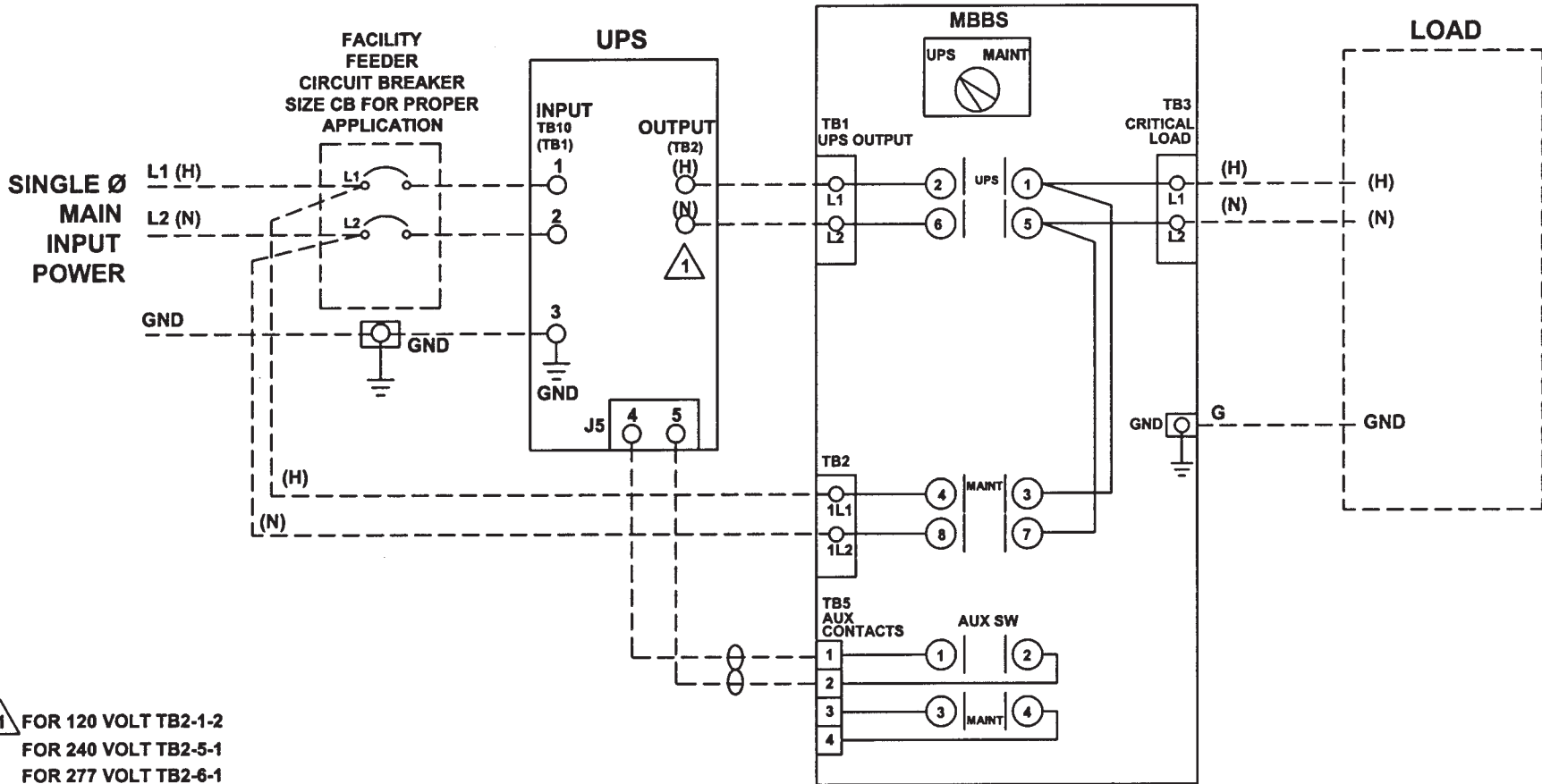
- 1) 7.5KW CAN BE IN 39" OR 51" WIDE CABINET DEPENDING ON THE BATTERY TYPE.
- 2) 14KW THRU 17KW HAS 2 CABINETS, INVERTER CABINET & BATTERY CABINET.

OPTIONAL LONG LIFE BATTERY

POWER RIDE 1 2.1KW THRU 17KW			PERFECT POWER SYSTEMS
CADD:	RAUL	9/11/19	
CHKD:	BAIK	9/11/19	

710-SV-TD-C
Rev A

SINGLE PHASE MAKE BEFORE BREAK EXTERNAL WRAP AROUND BY-PASS SWITCH



1 FOR 120 VOLT TB2-1-2
FOR 240 VOLT TB2-5-1
FOR 277 VOLT TB2-6-1

2) L3 NOT USED

INCOMING POWER: TO 600 VOLTS AC, SINGLE PHASE, 60HZ
INTERNAL CABLE:
55A : #8 AWG (60A)
110A : #2 AWG (140A)
TERMINALS ARE SIZED FOR PROPER APPLICATION

DRAWINGS:
1. APPROVED AS SUBMITTED:

CADD: SHERRI SHAHSAVARI Date: 1/9/03

PERFECT POWERSYSTEMS		
SINGLE PHASE (WIRING DIAGRAM) EXTERNAL WRAP AROUND BY-PASS PANEL, 55AMP~110AMP		
B	DWG 6001-032-31-S	REV P1
SCALE:	Sheet	1 of 1

**SIDE
MOUNT
PROVISION**

**BACK
MOUNTING
PROVISION**

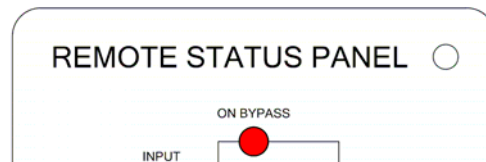


**TO UPS P100 TERMINAL
BLOC
SEE INSTALLATION
INSTRUCTION SHIPPED
WITH THE ASSEMBLY**

**USE
BUMPER
FOR
CONSOL
INSTALL**

Remote Status Panel displays the following:

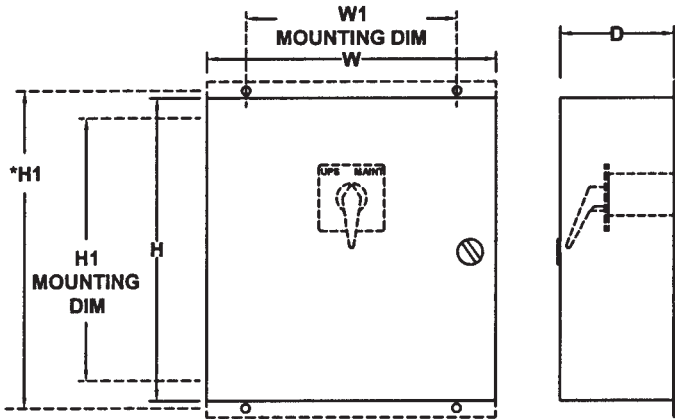
INPUT OK:	Input power is within acceptable range
INVERTER ON:	Inverter is on.
ON BYPASS:	Unit is on bypass mode.
ON BATT:	Unit is running from Battery.
LOW BATT:	Battery voltage is at low voltage before shutdown.
SUM ALARM:	Unit is on critical alarm such as: Over temperature, DC OV/UV.
HORN:	Audible warning for alarm condition.
SILENCE SWITCH:	Silences the audible warning.
LED TEST:	Tests the LED's by push in.



DISPLAY PANEL

**REMOTE STATUS PANEL ASSEMBLY:
9100-1020-06: SINGLE PHASE
9100-1020-07: THREE PHASE**

SINGLE PHASE MAKE BEFORE BREAK EXTERNAL WRAP AROUND BY-PASS SWITCH



PART NO.	AMP	ENCLOSURE SIZE "INCH"				
		W	H	D	W1	H1
3000-044	55 AMP	14	16	8	*12	*16.75
3000-045	110 AMP	14	16	10	*12	*16.75

ENCLOSURE DIM'S

SELECTION CHART FOR SINGLE PHASE UPS

KVA	KVA	KVA	KVA	KVA	KVA	FOR WIRING DIAGRAM SEE DWG
3	5	7.5	10	15	20	
3000-044	3000-044	3000-044	3000-045	3000-045	3000-045	6001-032-11-S

- 1) SWITCH CONTACTS ARE SINGLE PHASE L-NEUTRAL "MAKE BEFORE-BREAK".
- 2) CONTACTS MARKED "UPS" ARE CLOSED IN THE "UPS" POSITION.
- 3) CONTACTS MARKED "MAINT" ARE CLOSED IN THE "MAINT" POSITION.
- 4) WRAP AROUND BY-PASS SWITCH SHOULD BE USED WITH SAME INPUT /OUTPUT VOLTAGE.
- 5) WRAP AROUND BY-PASS SWITCH CAN ONLY BE USED WITHOUT ANY BUILT IN SECONDARY DISTRIBUTION CIRCUIT BREAKERS IN UPS.

DRAWINGS:
 1. APPROVED AS SUBMITTED: _____

CADD: SHERRI SHAHSAVARI Date: 1/9/03

PERFECT POWERSYSTEMS	
SINGLE PHASE (SELECTION CHART) EXTERNAL WRAP AROUND BY-PASS PANEL, 55AMP-110AMP	
B	DWG 6001-032-31
REV	P1
SCALE:	Sheet 1 of 1