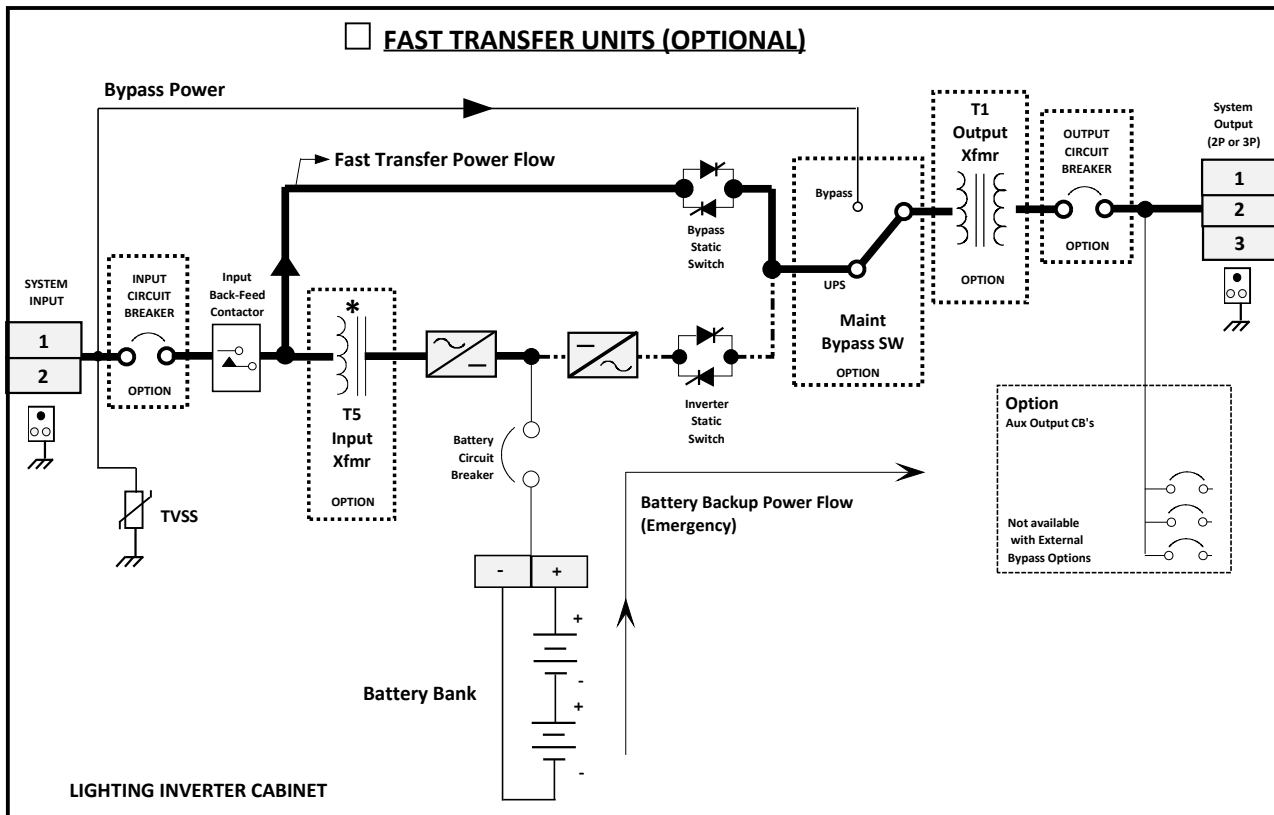
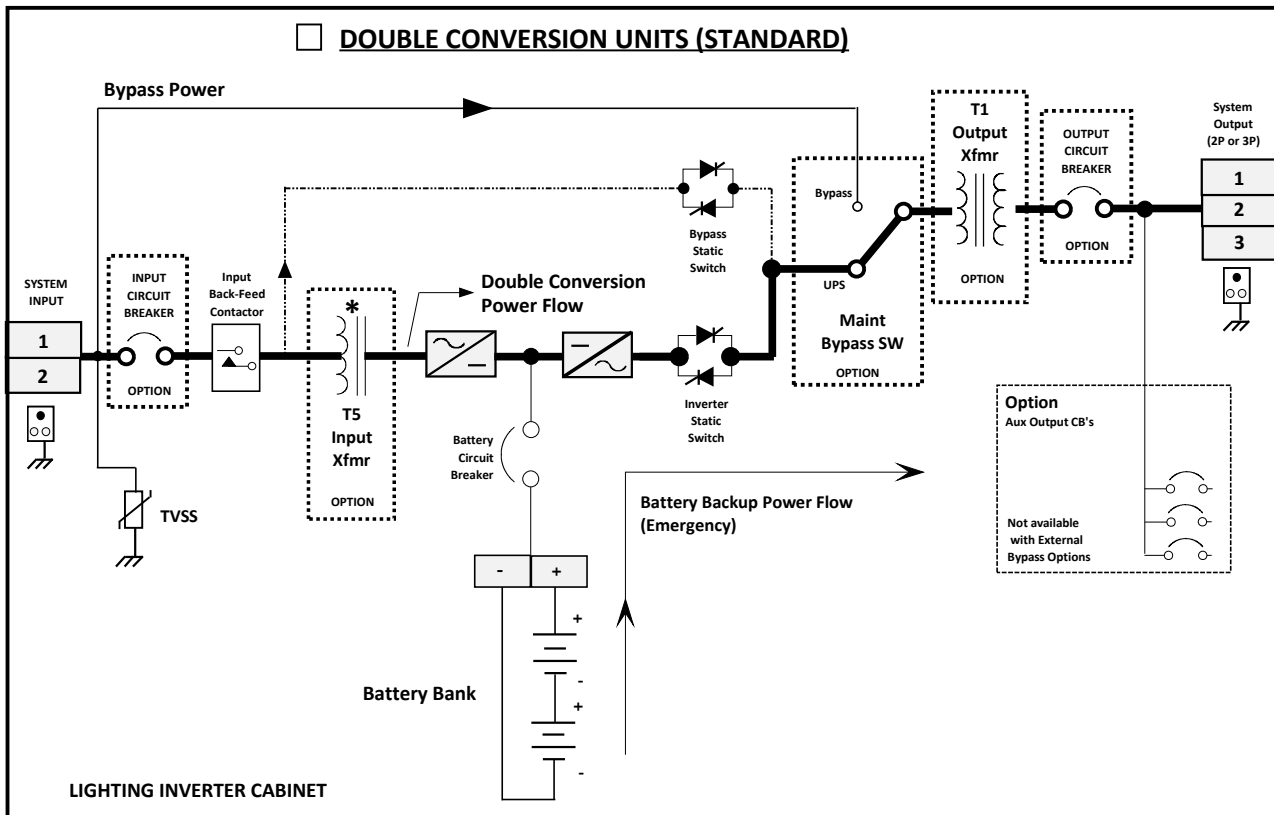


1 PHASE LIGHTING INVERTER TYPICAL SINGLE LINE DIAGRAM



NOTE(S):

- *Static Bypass and Manual Bypass:
will be powered from the transformer for different input and output voltage configurations.
- Dotted blocks are optional features

SUBJECT TO CHANGE WITHOUT NOTICE

**INDOOR & OUTDOOR
UNITS**



TYPICAL 1-PH LIGHTING
INVERTER SINGLE LINE DIAGRAM

DRAWN : MT
APPVD : SS

12/01/22
12/01/22

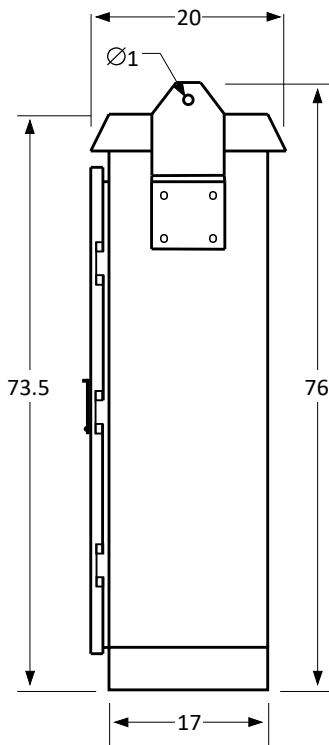
710-TD-010

REVISION
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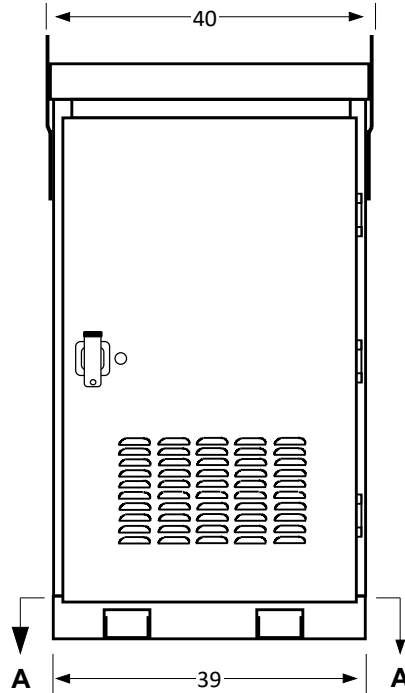
SHEET
1 OF 1

2.1 KW TO 17 KW *OUTDOOR* CABINET WITH BATTERY BACKUP

40" WIDE *OUTDOOR* CABINET



SIDE VIEW

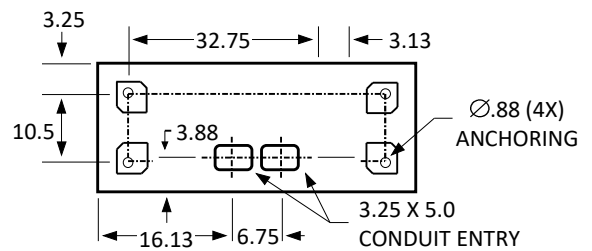


FRONT VIEW

STANDARD BATTERY(SELECT KW)				
KW, 90 MIN	2.1 <input type="checkbox"/>	3 <input type="checkbox"/>	3.5 <input type="checkbox"/>	5 <input type="checkbox"/>
KW, 120 MIN	2.1 <input type="checkbox"/>	3 <input type="checkbox"/>	3.5 <input type="checkbox"/>	5 <input type="checkbox"/>

NOTE(S):

1) ALL DIMENSIONS ARE IN INCHES

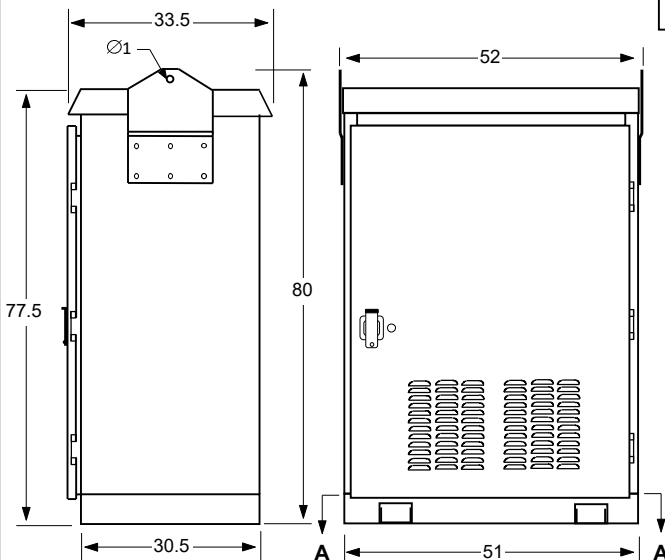


A-A VIEW

52" WIDE *OUTDOOR* CABINET

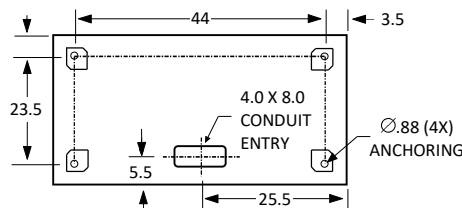
STANDARD BATTERY (SELECT KW)												
KW, 90 MIN	5.25 <input type="checkbox"/>	6 <input type="checkbox"/>	7 <input type="checkbox"/>	7.5 <input type="checkbox"/>	8 <input type="checkbox"/>	8.75 <input type="checkbox"/>	10 <input type="checkbox"/>	10.5 <input type="checkbox"/>	12.5 <input type="checkbox"/>	14 <input type="checkbox"/>	15 <input type="checkbox"/>	17 <input type="checkbox"/>
KW, 120 MIN	5.25 <input type="checkbox"/>	6 <input type="checkbox"/>	7 <input type="checkbox"/>	7.5 <input type="checkbox"/>	8 <input type="checkbox"/>	8.75 <input type="checkbox"/>	10 <input type="checkbox"/>	10.5 <input type="checkbox"/>	12.5 <input type="checkbox"/>	14 <input type="checkbox"/>	15 <input type="checkbox"/>	17 <input type="checkbox"/>

LONG LIFE BATTERY (SELECT KW)														
KW, 90 MIN	2.1 <input type="checkbox"/>	3 <input type="checkbox"/>	3.5 <input type="checkbox"/>	5 <input type="checkbox"/>	5.25 <input type="checkbox"/>	6 <input type="checkbox"/>	7 <input type="checkbox"/>	7.5 <input type="checkbox"/>	8 <input type="checkbox"/>	8.75 <input type="checkbox"/>	10 <input type="checkbox"/>	10.5 <input type="checkbox"/>	12.5 <input type="checkbox"/>	14 <input type="checkbox"/>
KW, 120 MIN	2.1 <input type="checkbox"/>	3 <input type="checkbox"/>	3.5 <input type="checkbox"/>	5 <input type="checkbox"/>	5.25 <input type="checkbox"/>	6 <input type="checkbox"/>	7 <input type="checkbox"/>	7.5 <input type="checkbox"/>	8 <input type="checkbox"/>	8.75 <input type="checkbox"/>	10 <input type="checkbox"/>	10.5 <input type="checkbox"/>	12.5 <input type="checkbox"/>	14 <input type="checkbox"/>
* 2 CABINETS														



SIDE VIEW

FRONT VIEW



A-A VIEW

NOTE(S):

1) ALL DIMENSIONS ARE IN INCHES

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OUTDOOR 1-PH UPS
POWER RIDE 1
TECHNICAL DRAWINGS

DRAWN : MT
APPVD : SS

12/01/22
12/01/22

725-TD-011

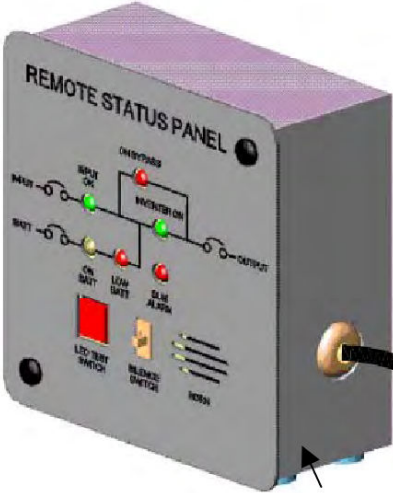
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SHEET
1 OF 1

REMOTE STATUS PANEL

SIDE
MOUNT
PROVISION

BACK
MOUNT
PROVISION

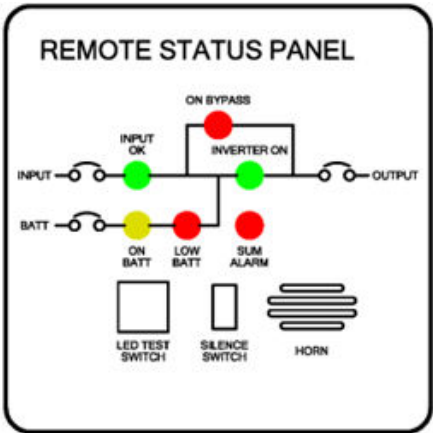


TO UPS P100 TERMINAL
BLOCK
SEE INSTALLATION
INSTRUCTION SHIPPED
WITH THE ASSEMBLY

USE
BUMPER
FOR
CONSOLE
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 WATCH:	Silences the audible warning
LED TEST:	Tests the LED's by push in



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REMOTE STATUS PANEL ASSEMBLY

DRAWN : MT

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APPVD : SS

12/01/22

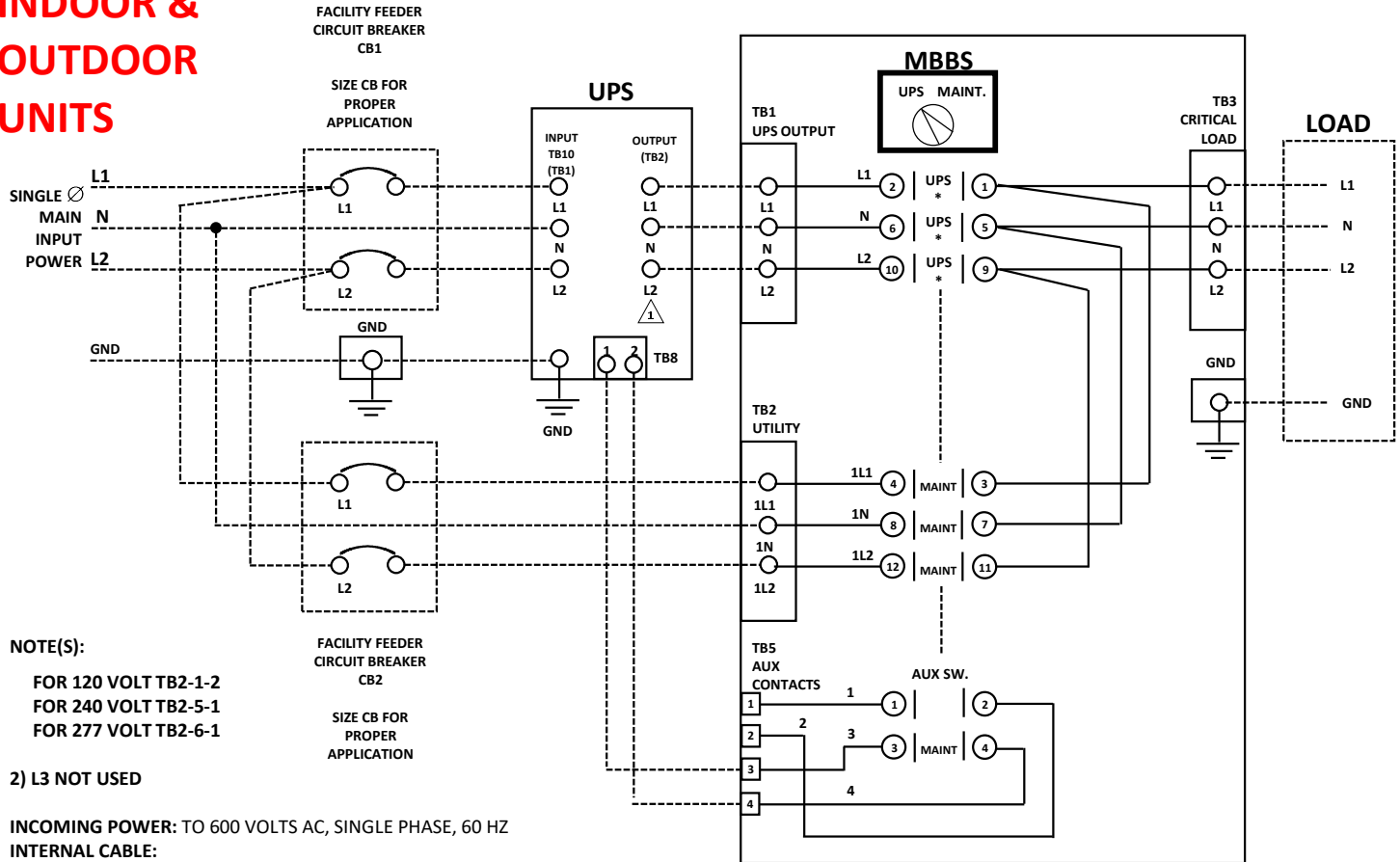
710-SV-TD-014

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1 OF 1

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

**INDOOR &
OUTDOOR
UNITS**

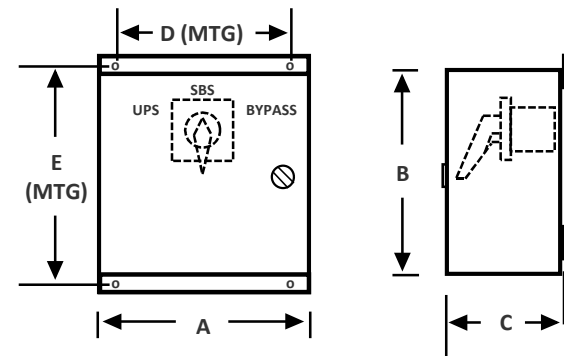


SWITCH DIMENSIONS

3000-046	175 AMPS	20	20	12	18.5	18.5
3000-045	110 AMPS	14	16	10	12	16.75
3000-044	55 AMPS	14	16	6	12	16.75
PART NUMBER	RATING	DIM A	DIM B	DIM C	DIM D (MTG)	DIM E (MTG)

SELECTION CHART FOR SINGLE PHASE UPS

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



NOTE(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 "BYPASS" ARE CLOSED IN THE "BYPASS" POSITION.
- 4) CONTACTS MARKED "SBS" ARE CLOSED IN THE "SBS" POSITION.
- 5) WRAP AROUND BY-PASS SWITCH SHOULD BE USED WITH SAME INPUT/OUTPUT VOLTAGE
- 6) WRAP AROUND BY-PASS SWITCH CAN ONLY BE USED WITHOUT ANY BUILT IN SECONDARY DISTRIBUTION CIRCUIT BREAKER IN UPS.

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**1-PH UPS, POWER RIDE 1
TECHNICAL DRAWINGS**

DRAWN : MT
APPVD : SS

12/01/22
12/01/22

710-TD-015

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