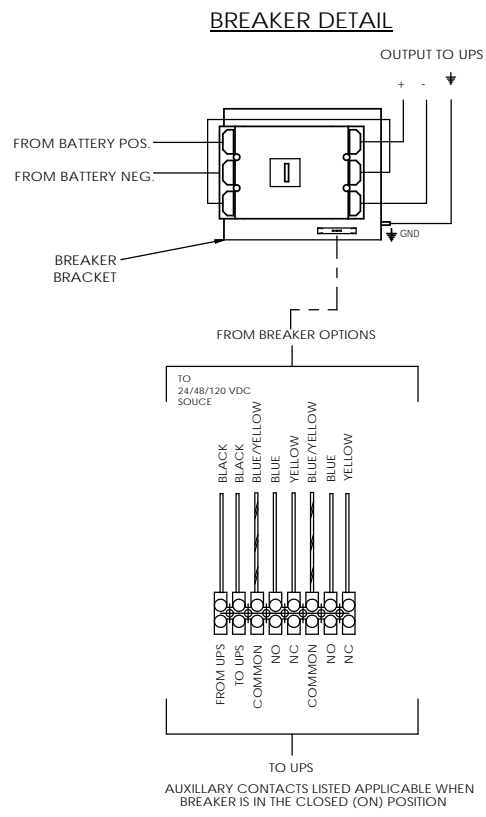
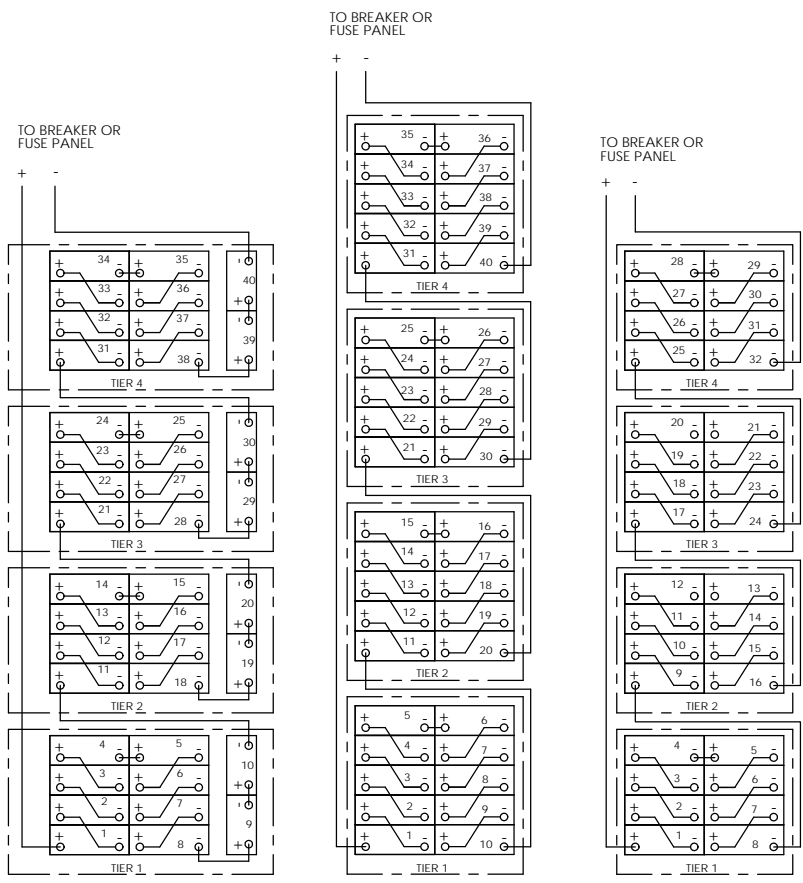


CABINET NOTES:

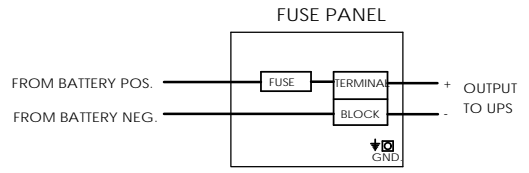
1. NEMA 1 DESIGN.
 2. EMPTY CABINET WEIGHT 545 LBS (247.7 KG)
 3. UL 1778 LISTED AND FULLY TESTED AT THE FACTORY PRIOR TO SHIPPING.
 4. FULLY WELDED FRAME. MANUFACTURED FROM HEAVY GAUGE STEEL.
 5. POWDER COATED WITH A CORROSION RESISTANT, EPOXY HYBRID POWDER USING A FIVE STAGE EMERSION PRETREATMENT PROCESS.
 6. BATTERIES CAN BE ACCESSED FROM FRONT, REAR, AND BOTH SIDES.
 7. CUSTOM DESIGNED PALLETS FOR SHIPPING ANYWHERE LOCALLY AND GLOBALLY (UPON REQUEST).
 8. BATTERY CABINET CAN BE MOVED WITH A NORMAL PALLET JACK FROM FRONT AND REAR.
 9. BATTERIES ARE SECURED WITH NON-CONDUCTIVE STRAPPING FOR FOR SAFE TRANSIT.
 10. STANDARD AND CUSTOM SPILL CONTAINMENT OPTIONS ARE AVAILABLE.
- SEE HEIGHT LEGEND TABLE FOR ADDITIONAL HEIGHTS AVAILABLE.

PROPRIETARY AND CONFIDENTIAL
 SEE INFORMATION CONTAINED IN THIS DRAWING FOR THE DATE REVISIONS OR FOR ELECTRONIC SYSTEMS SUPPORT AND FOR THE LATEST REVISIONS OF THIS DRAWING. ELECTRONIC SYSTEMS SUPPORT IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS.

| | | | | | |
|----------------------------|-------------|---|---------------------|---|--|
| UNLESS OTHERWISE SPECIFIED | | ELECTRONIC SYSTEM SUPPORT | | 3233 W. Kingsley Rd. Ste. 200 Garland, Texas 75041 PH: 972-272-3448 FAX: 972-272-9644 | |
| DESIGNER: MACH 8, REV 0 | DATE: 12-12 | TITLE: BATTERY CABINET, 12V, TOP TERMINAL | | | |
| 3RD PRG DRG: MACH 8, REV 0 | DATE: 12-12 | SIZE: D | DWG. NO: ETC40-SPEC | REV: B | |
| PROJECT: SEE NOTE 1 | DATE: 12-12 | SCALE: 1:12 | WEIGHT: | SHEET 1 OF 2 | |
| ISS: SEE NOTE 2 | DATE: 12-12 | | | | |
| DO NOT SCALE DRAWING | | | | | |



FUSE OPTION



ELECTRICAL NOTES:

1. ALL CABLES USED ARE UL LISTED.
2. ALL BREAKERS ARE UL RECOGNIZED.
3. ALL FUSES ARE UL RECOGNIZED, TYPE A50P, A70P OR EQUIVALENT (FUSED CABINETS ARE NOT LISTED IN UL FILE). ALWAYS REPLACE WITH SAME TYPE OR ITS EQUIVALENT.
4. TERMINAL BLOCKS ARE UL RECOGNIZED, 600V RATED.
5. CABINETS ARE SHIPPED WITH THE BREAKER IN THE TRIPPED POSITION.
6. CABINET GROUND CONNECTION IS A 5/16-18 THREADED STUD.
7. CABLES BETWEEN BATTERY CABINET TO UNINTERRUPTIBLE POWER SUPPLY ARE OPTIONAL.

BATTERY CABINET PART NUMBER GUIDE

| CABINET PART NUMBER | | | | DESCRIPTION |
|---------------------|---|---|--|------------------|
| ETC40 | E | A | | |
| | | | | BASE PART NUMBER |
| | | | | CABINET HEIGHT |
| | | | | CABINET COLOR |

BATTERY CONFIGURATION TABLE

| BATTERY MODEL NUMBER | BATTERY MANUFACTURER | | | | | | MAXIMUM NUMBER OF BATTERIES PER CABINET |
|----------------------|----------------------|----------|-----------|----------------------|----------------------|-------|---|
| | ENERSYS | C & D | EAST PENN | CSB | GNB | FIAMM | |
| 12HX205 | UPS12-210MR | 45HR2000 | HRL12200W | \$12V120 \$12V170 | 12FLX200 | 60 | |
| 12HX300 | UPS12-300MR | 24HR3000 | HRL12280W | \$12V285 \$12V300 | 12FLX250 12FLX300 | 40 | |
| 12HX330 | UPS12-350MR | 27HR3500 | HRL12330W | | 12FLX350 | 40 | |
| 12HX400 | UPS12-400MR | 31HR4000 | HRL12390W | \$12V370 | 12FLX400 | 40 | |
| 12HX505 | UPS12-490MR | 31HR5000 | HRL12500W | \$12V500 | 12FLX500 | 40 | |
| 12HX540 | UPS12-540MR | 31HR5500 | HRL12550W | \$12V550 | 12FLX540 | 40 | |
| 6HX800 | UPSG-620MR | | | | | 40 | |

HEIGHT LEGEND

| HEIGHT (INCHES) | AVAILABILITY |
|-----------------|--------------|
| A = 84.00 | N/A |
| B = 82.00 | N/A |
| C = 80.00 | 4-6 WEEKS |
| D = 79.00 | 4-6 WEEKS |
| **E = 78.7 | IN STOCK |
| F = 78.4 | 4-6 WEEKS |
| G = 78.0 | 4-6 WEEKS |
| H = 77.3 | 4-6 WEEKS |
| J = 76.8 | 4-6 WEEKS |
| K = 75.3 | N/A |
| L = 75.0 | N/A |
| M = 74.8 | N/A |
| N = 73.5 | N/A |
| P = 72.0 | N/A |
| Q = 71.7 | N/A |
| R = 70.9 | N/A |
| S = TBD | N/A |
| T = TBD | N/A |

** 78.7 IS THE STANDARD HEIGHT FOR THE ETC40 CABINETS. OTHER HEIGHTS REQUIRE LONGER LEAD TIMES**
LETTERS STATING "TBD" ARE OPEN FOR CUSTOM HEIGHTS REQUESTED BY CUSTOMERS. OVERALL CABINET DESIGN WILL BE THE SAME. PLEASE CONSULT WITH SALES STAFF FOR FURTHER INFO.

COLOR LEGEND

| |
|--|
| **A = BLACK |
| B = BEIGE |
| C = LIEBERT GRAY |
| D = MITSUBISHI BEIGE |
| E = MGE WHITE |
| F = TOSHIBA BLACK |
| G = GE WHITE |
| H = LIEBERT BLACK |
| J = EATON BLACK |
| K = TBD |
| **BLACK IS ESS STANDARD COLOR AND WILL BE IN STOCK ** |
| LETTERS STATING "TBD" ARE OPEN FOR CUSTOM COLORS NOT LISTED. PLEASE CONSULT WITH SALES STAFF FOR FURTHER INFO. |

PART NUMBER GUIDE:

1. REFERENCE THE BATTERY PART NUMBER GUIDE TABLE WHEN ORDERING A CABINET.
2. THE BASE NUMBER WILL ALWAYS BE THE SAME. HOWEVER, 2 ALPHA DIGITS WILL FOLLOW THE BASE NUMBER INDICATING THE HEIGHT AND COLOR OF THE CABINET.
3. REFERENCE THE "HEIGHT LEGEND" TABLE AND THE "COLOR LEGEND" TABLE IN ORDER TO DETERMINE THE 2 ALPHA DIGITS NEEDED TO COMPLETE YOUR ORDER.
4. EXAMPLE: ETC40EA - THIS REPRESENTS A STANDARD ETC40 CABINET, 78.7" HEIGHT WITH A POWDER COAT FINISH OF STANDARD BLACK.
5. NON STANDARD HEIGHTS REQUIRE AN ADDITIONAL 2-3 WEEKS LEAD TIME.

| | | | | | |
|----------------------------|------|---------------------------|------|---|------------------------------------|
| UNLESS OTHERWISE SPECIFIED | | ELECTRONIC SYSTEM SUPPORT | | 3233 W. Kingsley Rd. Ste. 200 Cedarland, Texas 75041 PH: 972-372-2488 FAX: 972-372-9848 | |
| DESIGNED BY | DATE | ISSUED BY | DATE | TITLE | BATTERY CABINET, 12V, TOP TERMINAL |
| PROJECT NO. | REV. | DATE | BY | SIZE | DWG. NO. |
| ISSUED BY | DATE | ISSUED BY | DATE | SCALE | ETC40-SPEC |
| ISSUED BY | DATE | ISSUED BY | DATE | SCALE | 1:12 |
| ISSUED BY | DATE | ISSUED BY | DATE | SCALE | WEIGHT: |
| ISSUED BY | DATE | ISSUED BY | DATE | SCALE | SHEET 2 OF 2 |