

- NOTES:**
- FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
 - WEIGHT AND CENTER OF GRAVITY: SEE TABLE.
 - THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
 - AMBIENT TEMPERATURE RANGE 0 - 30° C [32 - 86° F]; MAXIMUM RELATIVE HUMIDITY 95% NON-CONDENSING.
 - MINIMUM 900 MM [36 IN.] FRONT ACCESS AND 900 MM [36 IN.] REAR ACCESS NEEDED FOR SERVICING.
 - MINIMUM 200 MM [8 IN.] CLEARANCE IN FRONT IS NEEDED FOR DOOR SWING.
 - THE ACCESSORY CABINET CAN BE INSTALLED IN A LINE-UP-AND-MATCH OR STANDALONE CONFIGURATION.
 - SHIPPING BRACKETS MUST REMAIN INSTALLED WHEN THE ACCESSORY CABINET IS USED IN A STANDALONE CONFIGURATION. CABINET TIE BRACKETS MUST BE INSTALLED WHEN THE ACCESSORY CABINET IS USED IN A LINE-UP-AND-MATCH CONFIGURATION.
 - BOTTOM OR REAR CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATES.
 - ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
 - SOURCE INPUT TO THE CABINET: 3 PHASES, NEUTRAL, GROUND.
 - OUTPUT FROM THE CABINET: 3 PHASES, NEUTRAL, GROUND.
 - SPECIFICATIONS ARE SUBJECT TO CHANGE.


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|--|-------------------|------------------------------------|---|--|---------------|
| METRIC | | EATON CORPORATION, ELECTRICAL | | EATON | REV. D |
| DESCRIPTION: SITE PLAN DRAWING, 93E 30 IAC-T | | | | | |
| DESIGNED BY: M. Carnes | DATE: 26-AUG-2013 | WELDED: UNLESS OTHERWISE SPECIFIED | TOLERANCES ON DIMENSIONS AND HOLE DIA: 0.25, 0.50, 1.00, 1.50, 2.00, 3.00, 4.00, 5.00, 6.00, 8.00, 10.00, 15.00, 20.00, 25.00, 30.00, 40.00, 50.00, 60.00, 80.00, 100.00, 150.00, 200.00, 300.00, 400.00, 500.00, 600.00, 800.00, 1000.00 | SCALE: 100 TO MET SCALE DRAWING OR CHANGE AS SHOWN | |
| ECO: ECD-053415 | STATUS: Release | PRO-ENGINEER GENERATED | REV: P-110000028 | REVISION: 003 | SHEET: 1 of 2 |

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| PRODUCT SPECIFICATIONS | | | | |
|------------------------|------------------|-------------------|----------------------------|----------------------------|
| TIE CABINET RATING | AC INPUT VOLTAGE | AC OUTPUT VOLTAGE | RECTIFIER AC INPUT CURRENT | INVERTER AC OUTPUT CURRENT |
| | | | NAMEPLATE | NAMEPLATE |
| KVA | VAC | VAC | AMP | AMP |
| 30 | 208Y/120 | 208Y/120 | 83 | 249 |

| CUSTOMER WIRING | | | | | | |
|---|---------------------|---------------|---|---------------------------|---------------------------|---------------------------|
| WIRES | ACCEPTED WIRE RANGE | TORQUE RATING | RECOMMENDED MINIMUM WIRE SIZE FOR 90 DEG C COPPER STRANDED WIRE | | | |
| | | Nm (LBS·IN) | 2 UPS [2+0] CONFIGURATION | 3 UPS [2+1] CONFIGURATION | 3 UPS [3+0] CONFIGURATION | 4 UPS [3+1] CONFIGURATION |
| UPS OUTPUT PHASE WIRES | 14 AWG TO 3/0 | 5.6 (50) | 1/0 | 1/0 | 1/0 | 1/0 |
| UPS OUTPUT NEUTRAL WIRE | 14 AWG TO 1/0 | 5.6 (50) | (2) 1/0 | (2) 1/0 | (2) 1/0 | (2) 1/0 |
| OUTPUT PHASE WIRES | 14 AWG TO 1/0 | 5.6 (50) | (2) 1/0 | (3) 1/0 | (3) 1/0 | (4) 1/0 |
| OUTPUT NEUTRAL WIRE | 14 AWG TO 1/0 | 5.6 (50) | (4) 1/0 | (6) 1/0 | (6) 1/0 | (8) 1/0 |
| BONDING GROUND WIRE (BETWEEN UPS AND TIE CABINET) | 14 AWG TO 1/0 | 5.1 (45) | 6 AWG | 6 AWG | 6 AWG | 6 AWG |
| BUILDING GROUND | 14 AWG TO 1/0 | 5.6 (50) | 2 AWG | 2 AWG | 1 AWG | 1 AWG |
| LOAD GROUND | 14 AWG TO 1/0 | 5.6 (50) | 2 AWG | 2 AWG | 1 AWG | 1 AWG |

| WEIGHT AND CENTER OF GRAVITY | | | | |
|--|------------|------------|------------|------------------|
| | A MM (IN.) | B MM (IN.) | C MM (IN.) | WEIGHT KG (LBS.) |
| [2+0], [2+1], [3+0] OR [3+1] CONFIGURATION | 670 (26) | 355.6 (14) | 270.5 (11) | 104 (230) |

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| METRIC | EATON CORPORATION, ELECTRICAL |  | REV D |
| DESCRIPTION: SITE PLAN DRAWING, 93E 30 IAC-T | | | |
| DESIGNED BY: H. Carnes | DATE: 26-AUG-2013 | UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS ARE: ANGLES: 15/30° HOLE: 0.000 | SCALE: 1/8" = 1'-0" |
| DRAWN BY: ECC-053415 | DATE: Release | UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS ARE: HOLE: 0.000 | SCALE: 1/8" = 1'-0" |
| PRO-ENGINEER GENERATED | REV: P-110000028 | REV: 003 | SHEET 2 OF 2 |

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