NOTES
1. FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
2. CENTER OF GRAVITY AND WEIGHT, SEE TABLE.
3. THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR COMPUTER OR ELECTRONIC EQUIPMENT.
4. THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
5. AMBIENT TEMPERATURE RANGE: -10°C (14°F) TO 43°C (109°F). RECOMMENDED OPERATING RANGE: 0°C (32°F) TO 35°C (95°F). MAXIMUM RELATIVE HUMIDITY: 95% NON-CONDENSING.
6. MINIMUM CLEARANCE: 12 INCHES (300 MM) FRONT AND 12 INCHES (300 MM) REAR ACCESS NEEDED FOR SERVICING.
7. MINIMUM 48 INCHES (1219 MM) CLEARANCE IN REAR, NOT INCLUDING CUSTOMER CONNECTION COVER, IS NECESSARY FOR VENTILATION EXHAUST.
8. MINIMUM 300 MM (12 INCHES) CLEARANCE IN FRONT IS NECESSARY FOR COOLING AIR INTAKE AND DOOR SWING.
9. THE UPS CABINET CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE CONFIGURATIONS.
10. BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE. PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
11. ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
12. AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
13. DC INPUT TO UPS (EXTERNAL BATTERY ONLY): 1 POSITIVE, 1 NEGATIVE, 1 GROUND.

14. SPECIFICATIONS ARE SUBJECT TO CHANGE.

*NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS.

BOTTOM ENTRY CONFIGURATION

WEIGHT AND CENTER OF GRAVITY

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>HEIGHT</th>
<th>A (kg)</th>
<th>B (kg)</th>
<th>C (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACK TO 6 UPS</td>
<td>1052.1</td>
<td>304.1</td>
<td>225.7</td>
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<tr>
<td>BACK TO 8 UPS</td>
<td>1991.4</td>
<td>304.1</td>
<td>225.7</td>
<td></td>
</tr>
</tbody>
</table>

BOTTOM ENTRY CONFIGURATION

REAR VIEW (REAR PANELS REMOVED)

CUSTOMER CONNECTION COVER
NOTES
1. FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
2. CENTER OF GRAVITY AND WEIGHT SEE TABLE.
3. THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR
   COMPUTER OR ELECTRONIC EQUIPMENT.
4. THE SYSTEM MUST BE INSIDE A TEMPERATURE AND HUMIDITY CONTROLLED
   INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
5. AMBIENT TEMPERATURE RANGE 0-40°C (32-104°F) RECOMMENDED OPERATING
   RANGE 20-20°C (68-77°F) MAXIMUM RELATIVE HUMIDITY 95%, NON-CONDENSING.
6. MINIMUM 600 MM (24 IN) FRONT ACCESS AND 900 MM (36 IN) REAR ACCESS NEEDED
   FOR SERVICING.
7. MINIMUM 400 MM (15.7 IN) CLEARANCE IN REAR, NOT INCLUDING CUSTOMER
   CONNECTION COVER, IS NEEDED FOR VENTILATION EXHAUST.
8. MINIMUM 150 MM (6 IN) CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE
   AND DOOR SWING.
9. THE UPS CABINET CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE
   CONFIGURATIONS.
10. BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE.
    PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
11. ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
12. AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
    DC INPUT TO UPS (EXTERNAL BATTERY ONLY): 1 POSITIVE, 1 NEGATIVE, 1 GROUND.
13. SPECIFICATIONS ARE SUBJECT TO CHANGE.
NOTES
1. FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
2. CENTER OF GRAVITY AND WEIGHT, SEE TABLE.
3. EATON BOTTOM ENTRY FLOOR SURFACE SUITABLE FOR COMPUTER OR ELECTRONIC EQUIPMENT.
4. THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
5. AMBIENT TEMPERATURE RANGE 18°C - 35°C (64°F - 95°F). RECOMMENDED OPERATING RANGE: 20°C - 25°C (68°F - 77°F) maximum relative humidity: 95%, non-condensing.
6. MINIMUM 800MM (31.5 IN) FRONT ACCESS AND 800MM (31.5 IN) REAR ACCESS NEEDED FOR SERVICING.
7. MINIMUM 400MM (15.7 IN) CLEARANCE IN REAR, NOT INCLUDING CUSTOMER CONNECTION COVER, IS NEEDED FOR VENTILATION EXHAUST.
8. MINIMUM 300MM (11.8 IN) CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE.
9. THE UPS CABINET CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE CONFIGURATIONS.
10. BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE. PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
11. ALL WIRING TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
12. AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
   AC OUTPUT TO LOAD: 3 PHASES, 1 NEUTRAL, 1 GROUND.
   DC INPUT TO UPS (EXTERNAL BATTERY ONLY): 1 POSITIVE, 1 NEGATIVE, 1 GROUND.
13. SPECIFICATIONS ARE SUBJECT TO CHANGE.

**NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS**

BOTTOM ENTRY CONFIGURATION

<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>CENTER OF GRAVITY</th>
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<tbody>
<tr>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>813 kg</td>
<td>13.35 m</td>
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<tr>
<td>339 kg</td>
<td>8.90 m</td>
</tr>
<tr>
<td>226 kg</td>
<td>8.90 m</td>
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**RACK W/ 4 UPS**

<table>
<thead>
<tr>
<th>RACK W/ 4 UPS</th>
<th>743.0 kg (1638 lbs)</th>
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<tbody>
<tr>
<td>513 (22.00)</td>
<td>339 (13.35)</td>
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<tr>
<td>226 (8.50)</td>
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**CUSTOMER CONNECTION COVER**

**INPUT/OUTPUT POWER CORD**

**INPUT BREAKER**

**BATTERY BREAKER**

**LOAD BREAKER**

**REPO (INC)**

**COMMUNICATION PORT**

**LOAD CONNECTOR**

**UPS BATTERY CONNECTOR**

**UPS 1**

**UPS 2**

**UPS 3**

**UPS 4**

**REAR VIEW (REAR PANELS REMOVED) BOTTOM ENTRY CONFIGURATION**

**BOTTOM ENTRY CONFIGURATION**

**RIGHT SIDE VIEW (OUTSIDE PANEL REMOVED) BOTTOM ENTRY CONFIGURATION**

**RIGHT SIDE VIEW**

**FRONT VIEW**

**BOTTOM ENTRY CONDUIT LANDING PLATE**

**METRIC**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>BLADEUPS BLADEPLAN D0/16 (PRECONFIGURED) W/4-POS BLADEBAR (BOTTOM ENTRY)</th>
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</thead>
<tbody>
<tr>
<td>ASSEMBLY</td>
<td>P-110000115-001</td>
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<tr>
<td>D/05</td>
<td>1/250</td>
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</tr>
<tr>
<td>MODIFIED</td>
<td>1/250</td>
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<td>STATE/RELEASE</td>
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<tr>
<td>SHEET</td>
<td>3</td>
</tr>
<tr>
<td>REVISION</td>
<td>0</td>
</tr>
</tbody>
</table>

**NOTES**

- ELECTRICAL CONNECTIONS ARE TO BE MADE IN ACCORDANCE WITH CODES AND GUIDELINES LISTED ABOVE.
- ALL WIRING TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
- UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS.
- SPECIFICATIONS ARE SUBJECT TO CHANGE.
- BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE. PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
- ALL WIRING TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
- AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
- AC OUTPUT TO LOAD: 3 PHASES, 1 NEUTRAL, 1 GROUND.
- DC INPUT TO UPS (EXTERNAL BATTERY ONLY): 1 POSITIVE, 1 NEGATIVE, 1 GROUND.
- SPECIFICATIONS ARE SUBJECT TO CHANGE.

**NOTES**

- FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
- CENTER OF GRAVITY AND WEIGHT, SEE TABLE.
- EATON BOTTOM ENTRY FLOOR SURFACE SUITABLE FOR COMPUTER OR ELECTRONIC EQUIPMENT.
- THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
- AMBIENT TEMPERATURE RANGE 18°C - 35°C (64°F - 95°F). RECOMMENDED OPERATING RANGE: 20°C - 25°C (68°F - 77°F) maximum relative humidity: 95%, non-condensing.
- MINIMUM 800MM (31.5 IN) FRONT ACCESS AND 800MM (31.5 IN) REAR ACCESS NEEDED FOR SERVICING.
- MINIMUM 400MM (15.7 IN) CLEARANCE IN REAR, NOT INCLUDING CUSTOMER CONNECTION COVER, IS NEEDED FOR VENTILATION EXHAUST.
- MINIMUM 300MM (11.8 IN) CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE.
- THE UPS CABINET CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE CONFIGURATIONS.
- BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE. PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
- ALL WIRING TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
- AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
- AC OUTPUT TO LOAD: 3 PHASES, 1 NEUTRAL, 1 GROUND.
- DC INPUT TO UPS (EXTERNAL BATTERY ONLY): 1 POSITIVE, 1 NEGATIVE, 1 GROUND.
- SPECIFICATIONS ARE SUBJECT TO CHANGE.

**NOTES**

- FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
- CENTER OF GRAVITY AND WEIGHT, SEE TABLE.
- EATON BOTTOM ENTRY FLOOR SURFACE SUITABLE FOR COMPUTER OR ELECTRONIC EQUIPMENT.
- THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
- AMBIENT TEMPERATURE RANGE 18°C - 35°C (64°F - 95°F). RECOMMENDED OPERATING RANGE: 20°C - 25°C (68°F - 77°F) maximum relative humidity: 95%, non-condensing.
- MINIMUM 800MM (31.5 IN) FRONT ACCESS AND 800MM (31.5 IN) REAR ACCESS NEEDED FOR SERVICING.
- MINIMUM 400MM (15.7 IN) CLEARANCE IN REAR, NOT INCLUDING CUSTOMER CONNECTION COVER, IS NEEDED FOR VENTILATION EXHAUST.
- MINIMUM 300MM (11.8 IN) CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE.
- THE UPS CABINET CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE CONFIGURATIONS.
- BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE. PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
- ALL WIRING TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
- AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
- AC OUTPUT TO LOAD: 3 PHASES, 1 NEUTRAL, 1 GROUND.
- DC INPUT TO UPS (EXTERNAL BATTERY ONLY): 1 POSITIVE, 1 NEGATIVE, 1 GROUND.
- SPECIFICATIONS ARE SUBJECT TO CHANGE.
1. For optional mounting brackets use shipping brackets.
2. Center of gravity and weight, see Table.
3. The system must be installed on a level, floor surface suitable for computer or electronic equipment.
4. The system must be installed in a temperature and humidity controlled indoor area free of conductive contaminants.
5. Ambient temperature range 0°F to 120°F (−18°C to 49°C) recommended operating temperature 73°F to 95°F (23°C to 35°C) with 95% non-condensing.
6. Minimum 900 mm [36 in] front access and 900 mm [36 in] rear access needed for servicing.
7. Minimum 400 mm [15.7 in] clearance in rear, not including customer connection cover, is needed for ventilation exhaust.
8. Minimum 575 mm [22.6 in] clearance in front is needed for cooling air intake and door swing.
9. The UPS cabinet can be installed in line-up and-match or standalone configurations.
10. Bottom entry cable entry through removable conduit landing plate. Plate shall be custom modified to suit conduit sizes.
11. All wiring is to be in accordance with national and local electrical codes.
12. AC input to UPS rectifier (0.98 min PF): 3 phases, 1 neutral, 1 ground.
13. Specifications are subject to change.

**NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS**
NOTES
1. FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
2. CENTER OF GRAVITY AND WEIGHT SEE TABLE.
3. THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR
   COMPUTER OR ELECTRONIC EQUIPMENT.
4. THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED
   INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
5. AMBIENT TEMPERATURE RANGE 0-40°C (32-104°F) RECOMMENDED OPERATING
   RANGE 20-30°C (68-86°F) MAXIMUM RELATIVE HUMIDITY 95% NON-CONDENSING.
6. POWER REQUIREMENTS REPO (NC) FRONT ACCESS AND 900MM (36" REAR ACCESS NEEDED
   FOR SERVICING.
7. MINIMUM 450 MM (17.7") CLEARANCE IN REAR, NOT INCLUDING CUSTOMER
   CONNECTION COVER, IS NEEDED FOR VENTILATION EXHAUST.
8. MINIMUM STORM (2.5" IN) CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE
   AND DOOR SWING.
9. THE UPS CABINET CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE
   CONFIGURATIONS.
10. BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE
    PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZE.
11. ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
12. AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
    AC OUTPUT TO LOAD: 3 PHASES, 1 NEUTRAL, 1 GROUND.
13. SPECIFICATIONS ARE SUBJECT TO CHANGE.

RACK W/ 2 UPS
450.9 kg [994 lbs]
494 [20.35]
371 [14.61]
228 [8.98]
450 [994 lbs]

WEIGHT *

DESCRIPTOR: BLADEUPS STEEL PLAN DIV. (PRECONFIG-WEIGHTLINE) W/6-POS BLADEBAR (BOTTOM ENTRY)

CUSTOMER CONNECTION COVER

BOTTOM ENTRY CONFIGURATION

REPO (NC)

INPUT BREAKER

LOAD BREAKER

BATTERY BREAKER

INPUT/OUTPUT POWER CORD

COMMUNICATION PORT

LOAD CONNECTOR

UPS CONNECTOR

BA

WIREWAY

CUSTOMER CONNECTION COVER

NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS

METRIC

A

B

C

EATON CORPORATION

WEIGHT AND CENTER OF GRAVITY

BOTTOM ENTRY CONFIGURATION

Configuration | Weight
--- | ---
A | B | C
450 [994 lbs] |
<table>
<thead>
<tr>
<th>WEIGHT AND CENTER OF GRAVITY</th>
<th>BOTTOM ENTRY CONFIGURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACK W/ UPS</td>
<td>304.8 kg [672 lbs]</td>
</tr>
<tr>
<td>BATTERY BREAKER</td>
<td>411 [15.24']</td>
</tr>
<tr>
<td>INPUT BREAKER</td>
<td>241 [9.49']</td>
</tr>
<tr>
<td>LOAD BREAKER</td>
<td>230 [8.20']</td>
</tr>
<tr>
<td>INPUT/OUTPUT POWER CORD</td>
<td></td>
</tr>
<tr>
<td>REPO (NC)</td>
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</tr>
<tr>
<td>UPS BATTERY CONNECTOR</td>
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<td>COMMUNICATION PORT</td>
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<tr>
<td>LOAD CONNECTOR</td>
<td></td>
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<tr>
<td>CUSTOMER CONNECTION COVER</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS**

**METRIC**

**EATON CORPORATION**

**DESCRIPTION:** BLADEUPS SITEPLAN DWM (PRECONFIG-WRITELINE) W/6-POS BLADEBAR (BOTTOM ENTRY)

**DESCRIPTIVE:**

- **WEIGHT:** 304.8 kg [672 lbs]
- **DIMENSIONS:**
  - BATTERY BREAKER: 411 [15.24']
  - INPUT BREAKER: 241 [9.49']
  - LOAD BREAKER: 230 [8.20']
- **INPUT/OUTPUT POWER CORD**
- **REPO (NC)**
- **UPS BATTERY CONNECTOR**
- **COMMUNICATION PORT**
- **LOAD CONNECTOR**
- **CUSTOMER CONNECTION COVER**

**SPECIFICATIONS ARE SUBJECT TO CHANGE.**

1. FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
2. CENTER OF GRAVITY AND WEIGHT: SEE TABLE
3. THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR COMPUTER OR ELECTRONIC EQUIPMENT.
4. THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED, DUST FREE COMMERICAL BUILDING.
5. AMBIENT TEMPERATURE RANGE 0°C TO 40°C (32°F TO 104°F) RECOMMENDED OPERATING RANGE.
6. MINIMUM 900MM [36 IN] FRONT ACCESS AND 900MM [36 IN] REAR ACCESS NEEDED FOR SERVICING.
7. MINIMUM 400 MM [15.7 IN] CLEARANCE IN REAR, NOT INCLUDING CUSTOMER CONNECTION COVER, IS NEEDED FOR VENTILATION EXHAUST.
8. MINIMUM 575MM [22.6 IN] CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE AND DOOR SWING.
9. UPS CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE CONFIGURATIONS.
10. BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE. PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
11. ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
12. AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
AC OUTPUT TO LOAD: 3 PHASES, 1 NEUTRAL, 1 GROUND.
DC INPUT TO UPS (EXTERNAL BATTERY ONLY): 1 POSITIVE, 1 NEGATIVE, 1 GROUND.
13. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE.
1. For optional mounting brackets use shipping brackets.
2. Center of gravity and weight; see table.
3. The system must be installed on a level floor surface suitable for computer or electronic equipment.
4. The system must be installed in a temperature and humidity controlled indoor area free of conductive contaminants.
5. Ambient temperature range: 5-40°C (41-104°F) recommended operating range: 20-25°C (68-77°F) maximum relative humidity: 95% non-condensing.
6. Minimum 900mm (36 in) front access and 900mm (36 in) rear access needed for servicing.
7. Minimum 300mm (12 in) clearance in front, not including customer connection cover. Is needed for ventilation exhaust.
8. Minimum 250mm (10 in) clearance in front is needed for cooling air intake and door swing.
9. The UPS cabinet can be installed in line-up-and-match or standalone configurations.
10. Bottom or top cable entry through removable conduit landing plate. Plate shall be custom modified to suit conduit sizes.
11. All wiring is to be in accordance with national and local electric codes.
12. AC input to UPS rectifier (0.98 min PF): 3 phases, 1 neutral, 1 ground.
13. The UPS cabinet can be installed in line-up-and-match or standalone configurations.
14. Bottom or top cable entry through removable conduit landing plate. Plate shall be custom modified to suit conduit sizes.
15. All wiring is to be in accordance with national and local electric codes.

---

**NOTE:** UPS positions shown are required for all configurations.

---

### BOTTOM ENTRY CONFIGURATION

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Weight</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pack w/o UPS</td>
<td>158.8 kg (340 lbs)</td>
<td>810 (32.1)</td>
<td>321 (12.6)</td>
<td>234 (9.3)</td>
</tr>
</tbody>
</table>

**Weight and Center of Gravity**

- **Configuration:** Bottom Entry Configuration
- **Weight:** 158.8 kg (340 lbs)
- **A:** 810 (32.1)
- **B:** 321 (12.6)
- **C:** 234 (9.3)
1. For optional mounting brackets use shipping brackets.
2. Center of gravity and weight: see table.
3. The system must be installed on a level, floor surface suitable for
   computer or electronic equipment.
4. The system must be installed in a temperature and humidity controlled
   indoor area free of conductive contaminants.
5. Ambient temperature range 0-40°C (32-104°F). Recommended operating
6. Customer should install a cold air return in front and an exhaust in rear
   in a dedicated exhaust. See table.
7. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake
   and door swing.
8. Minimum 900 mm [36 in] front access and 900 mm [36 in] rear access needed
   for servicing.
9. The UPS cabinet can be installed in line-up-and-match or standalone
   configurations.
10. Bottom or top cable entry through removable conduit landing plate.
    Plate shall be custom modified to suit conduit sizes.
11. Specifications are subject to change.

**NOTE: UPS positions shown are required for all configurations**

**METRIC**

<table>
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<tr>
<th>Description</th>
<th>BladeUPS XT Deep DMW (PreConfig-Wrightline) W/ 6-Pos Bladerack (Bottom Entry)</th>
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<tbody>
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<td>Model</td>
<td>P-110000115-001</td>
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<tr>
<td>Date Release</td>
<td>7-15-2015</td>
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</table>

**WEIGHT AND CENTER OF GRAVITY**

<table>
<thead>
<tr>
<th>WEIGHT AND CENTER OF GRAVITY</th>
<th>BOTTOM ENTRY CONFIGURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Configuration</td>
<td>WEIGHT A</td>
</tr>
<tr>
<td>Rack W/5 UPS W/ MBM</td>
<td>934.4 kg (2,058 lb)</td>
</tr>
</tbody>
</table>

**CUSTOMER CONNECTION COVER**

*Note: UPS positions shown are required for all configurations.*
NOTES:
1. FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
2. SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR
   COMPUTER OR ELECTRONIC EQUIPMENT.
3. AMBIENT TEMPERATURE RANGE 0-40°C (32-104°F) RECOMMENDED OPERATING
   RANGE: 20-30°C (68-86°F)
4. MAXIMUM RELATIVE HUMIDITY: 95% NON-CONDENSING.
5. MINIMUM 800 mm (31 in) FRONT ACCESS AND 800 mm (31 in) REAR ACCESS NEEDED
   FOR SERVICING.
6. MINIMUM 900 mm (36 in) CLEARANCE IN REAR NOT INCLUDING CUSTOMER
   CONNECTION COVER, 10 needed for ventilation exhaust.
7. MINIMUM 650 mm (26 in) CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE
   AND DOOR SWING.
8. THE UPS CABINET CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE
   CONFIGURATIONS.
9. MINIMUM 900 mm (36 in) FRONT ACCESS AND 900 mm (36 in) REAR ACCESS NEEDED
   FOR SERVICING.
10. THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR
    COMPUTERS OR ELECTRONIC EQUIPMENT.
11. THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED
    INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
12. THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR
    COMPUTERS OR ELECTRONIC EQUIPMENT.
13. SPECIFICATIONS ARE SUBJECT TO CHANGE.

METRIC

EATON CORPORATION

DESCRIPTION: BLADEUPS ULTRAPLAN 12M (PRECONFIG-WRIGHTEON) W/ 6-POS BLADEBAR (BOTTOM ENTRY)

WEIGHT AND CENTER OF GRAVITY

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>WEIGHT</th>
</tr>
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<tbody>
<tr>
<td>BACK 6 UPS W/ MBM</td>
<td>780.3 kg (1720.8 lbs)</td>
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</tbody>
</table>

BOTTOM ENTRY CONFIGURATION

<table>
<thead>
<tr>
<th>UPS 1**</th>
<th>UPS 2**</th>
<th>UPS 3**</th>
<th>UPS 4**</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBM</td>
<td>MBM</td>
<td>MBM</td>
<td>MBM</td>
</tr>
</tbody>
</table>

CUSTOMER CONNECTION COVER

WIREWAY

NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS.
NOTES
1. FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
2. CENTER OF GRAVITY AND WEIGHT - SEE TABLE
3. THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SUITABLE FOR
   COMPUTER OR ELECTRONIC EQUIPMENT.
4. THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED
   INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
5. AMBIENT TEMPERATURE RANGE 0-40°C (32-104°F) RECOMMENDED OPERATING
   RANGE. 20-32°C (68-90°F) MAXIMUM RELATIVE HUMIDITY: 95% NON-CONDENSING.
6. INPUTS/OUTPUTS (IN) FRONT ACCESS AND MINIMUM 800 M (250 FT) REAR ACCESS NEEDED
   FOR SERVICING.
7. MINIMUM 2700 M (8900 FT) CLEARANCE IN REAR, NOT INCLUDING CUSTOMER
   CONNECTION COVER, IS NEEDED FOR VENTILATION EXHAUST.
8. MINIMUM CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE AND DOOR SWING.
9. THE UPS CABINET CAN BE INSTALLED IN LINE-UP AND MATCH OR STANDALONE
   CONFIGURATION.
10. BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE.
    PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
11. ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES.
12. AC INPUT TO UPS RECTIFIER: 3 PHASES, 1 NEUTRAL, 1 GROUND.
    DC INPUT TO UPS EXTERNAL BATTERY ONLY: 1 POSITIVE, 1 NEGATIVE, 1 GROUND.
13. SPECIFICATIONS ARE SUBJECT TO CHANGE.

**NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS

METRIC

EATON CORPORATION

DESCRIPTION: BLADEUPS ULTRAPLAN (NEW. PCB CONFIG. W/ 2POS. BLADEBAR (BOTTOM ENTRY):

WEIGHT AND CENTER OF GRAVITY

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>WEIGHT</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 UPS WITH MBM</td>
<td>882.3 kg (1941 lbs)</td>
<td>342 (12.46)</td>
<td>233 (8.17)</td>
<td></td>
</tr>
</tbody>
</table>

BOTTOM ENTRY CONFIGURATION

WIREWAY

UPS 3**

UPS 2**

UPS 1**

MBM

CUSTOMER CONNECTION COVER

**NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS

Page: 10 of 13
NOTES:
1. FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
2. CENTER OF GRAVITY AND WEIGHT SEE TABLE.
3. THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR COMPUTER OR ELECTRONIC EQUIPMENT.
4. THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
5. AMBIENT TEMPERATURE RANGE 40°F to 104°F (4°C to 40°C) RECOMMENDED OPERATING RANGE: 73°F to 95°F (23°C to 35°C) MAXIMUM RELATIVE HUMIDITY 95% NON-CONDENSING.
6. MINIMUM 36 IN. [914 MM] IN REAR, 72 IN. [1829 MM] IN FRONT ACCESS AND 96 IN. [2440 MM] IN REAR ACCESS NEEDED FOR SERVICING.
7. MINIMUM 48 IN. [1219 MM] IN REAR, NOT INCLUDING CUSTOMER CONNECTION COVER, IS NEEDED FOR VENTILATION EXHAUST.
8. MINIMUM 24 IN. [610 MM] CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE.
9. THE UPS Cabinet CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE CONFIGURATIONS.
10. BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE. PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
11. ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
12. AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
13. SPECIFICATIONS ARE SUBJECT TO CHANGE.

**NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS**

## BOTTOM ENTRY CONFIGURATION

<table>
<thead>
<tr>
<th>WEIGHT AND CENTER OF GRAVITY</th>
<th>BOTTOM ENTRY CONFIGURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONFIGURATION</td>
<td>A</td>
</tr>
<tr>
<td>Rack w/2 UPS w/MBM</td>
<td>468.2 kg (1034 lbs)</td>
</tr>
</tbody>
</table>
1. For optional mounting brackets use shipping brackets.
2. Center of gravity and weight: see table.
3. The system must be installed on a level floor surface suitable for computer or electronic equipment.
4. The system must be installed in a temperature and humidity controlled indoor area free of conductive contaminants.
5. Ambient temperature range 54°F to 93°F (12°C to 34°C)
6. Minimum 95% RH (3% corr) non-condensing
7. Minimum 1000 mm (39.4 in) front access and 900 mm (35.4 in) rear access needed for servicing.
8. Minimum 2800 mm (110 in) clearance in front to be used for cooling air intake and door swing.
9. The UPS cabinet can be installed in line-up-and-match or standalone configurations.
10. Bottom or top cable entry through removable conduit landing plate. Plate shall be custom modified to suit conduit sizes.
11. All wiring is to be in accordance with national and local electric codes.
12. AC input to UPS rectifier (0.98 min PF): 3 phases, 1 neutral, 1 ground.
13. DC input to UPS (external battery only): 1 positive, 1 negative, 1 ground.
14. Specifications are subject to change.

**NOTE:** UPS positions shown are required for all configurations.