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: 20-30°C (68-86°F) MAXIMUM RELATIVE HUMIDITY: 95% NON-CONDENSING.
6. MINIMUM 900MM (36 IN) FRONT ACCESS AND 600MM (24 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 875MM (34.5 IN) CLEARANCE IN FRONT IS NEEDED FOR COOLING AIR INTAKE AND DOOR SWING.
9. TOP ENTRY CONFIGURATION 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**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOP ENTRY</td>
<td>851 [33.50]</td>
<td>325 [12.80]</td>
<td>225 [8.86]</td>
</tr>
<tr>
<td>WEIGHT [KG]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WEIGHT [LBS]</td>
<td></td>
<td></td>
<td></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. Ambient temperature range: 5°C to 35°C (41°F to 95°F).
5. Indoor area free of conductive contaminants.
6. Minimum 1000 mm (39.4 in) clearance for ventilation.
7. Minimum 1500 mm (59.1 in) clearance for front access and 900 mm (35.4 in) rear access (for servicing).
8. System must be installed in a temperature and humidity controlled indoor area.
9. Maximum 1000 mm (39.4 in) clearance in front is needed for cooling air intake.
10. Minimum 900 mm (35.4 in) front access and 900 mm (35.4 in) rear access is needed for servicing.
11. Center of gravity and weight: see table.
12. Minimum 400 mm (15.7 in) clearance in rear, not including customer connection cover, is needed for ventilation exhaust.
13. The system must be installed on a level floor surface suitable for computer or electronic equipment.
14. The system must be installed in a temperature and humidity controlled indoor area.
15. Minimum 1500 mm (59.1 in) clearance in front is needed for cooling air intake.
16. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
17. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
18. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
19. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
20. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
21. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
22. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
23. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
24. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
25. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
26. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
27. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
28. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
29. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
30. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
31. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
32. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
33. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
34. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
35. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
36. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
37. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
38. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
39. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
40. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
41. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
42. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
43. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
44. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
45. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
46. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
47. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
48. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
49. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
50. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
51. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
52. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
53. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
54. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
55. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
56. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
57. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
58. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
59. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
60. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
61. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
62. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
63. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
64. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
65. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
66. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
67. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
68. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
69. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
70. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
71. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
72. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
73. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
74. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
75. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
76. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
77. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
78. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
79. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
80. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
81. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
82. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
83. Minimum 575 mm (22.6 in) clearance in front is needed for cooling air intake.
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. THE RECOMMENDED OPERATING RANGE IS 20-25°C (68-77°F). MAXIMUM RELATIVE HUMIDITY: 95% NON-CONDENSING.
6. MINIMUM CLEARANCE IN FRONT AND REAR (36 IN REAR Access NEEDED FOR SERVICING.
7. MINIMUM 400 MM (15.7 IN) CLEARANCE IN REAR, NOT INCLUDING CUSTOMER CONNECTION COVER. BATTERY CONNECTORS NECESSARY FOR VENTILATION EXHAUST.
8. MINIMUM 575 MM (22.6 IN) CLEARANCE IN FRONT IS NECESSARY FOR COOLING AIR INTAKE AND DOOR SWING.
9. THE UPS CABLES CAN BE INSTALLED IN LINE-UP AND MATCH OR STANDALONE CONFIGURATIONS.
10. Bottom OF 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. AC OUTPUT TO LOAD: 3 PHASES, 1 NEUTRAL, 1 GROUND.
DC INPUT TO UPS (EXTERNAL BATTERY ONLY): 1 POSITIVE, 1 NEGATIVE, 1 GROUND.
14. SPECIFICATIONS ARE SUBJECT TO CHANGE.

**NOTE: UPS POSITIONS SHOWN IN MONDED FOR ALL CONFIGURATIONS**

**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>BACK W/ 4 UPS</td>
<td>743.0 kg (1638 lbs)</td>
<td>611 (26.02)</td>
<td>339 (13.35)</td>
<td>226 (8.90)</td>
</tr>
</tbody>
</table>

**NOTE:** UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS.
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 the housing, with a minimum clearance of 750 mm (30 in) from the sides of the unit.
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°C (68°F). Maximum relative humidity 95% non-condensing.
6. Minimum 3000 mm (118 in) front access and 900 mm (36 in) rear access needed for servicing.
7. Minimum 450 mm (17.7 in) clearance in rear. Not including customer connection cover, is needed for ventilation exhaust. Minimum 125 mm (5 in) clearance in front is needed for cooling air intake and door swing.
8. UPS cabinet can be installed in line-up-and-match or standalone configurations.
9. Bottom-on-top cable entry through removable conduit landing plate. Plate shall be custom modified to suit conduit sizes.
10. All wiring is to be in accordance with national and local electric codes.
11. AC input to UPS rectifier (0.98 min PF): 3 phases, 1 neutral, 1 ground.
12. DC input to UPS (external battery only): 1 positive, 1 negative, 1 ground.
13. Specifications are subject to change.

**Notes:** 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 5-40°C (41-104°F) RECOMMENDED OPERATING
   RANGE 20-25°C (68-77°F) MAXIMUM RELATIVE HUMIDITY 93% NON-CONDENSING.
6. AC INPUT TO UPS RECTIFIER (0.98 MIN PF): 3 PHASES, 1 NEUTRAL, 1 GROUND.
7. DC INPUT TO UPS (EXTERNAL BATTERY ONLY): 1 POSITIVE, 1 NEGATIVE, 1 GROUND.
8. SPECIFICATIONS ARE SUBJECT TO CHANGE.

**NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS**
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 5-41°C (41-106°F) RECOMMENDED OPERATING RANGE 20-29°C (68-85°F) MAXIMUM RELATIVE HUMIDITY 95% NON-CONDENSING.
6. MINIMUM CLEARANCE IN FRONT 600MM (24 IN) REAR ACCESS NEEDED FOR SERVICING.
7. MINIMUM CLEARANCE IN REAR 600MM (24 IN) CLEARANCE IN FRONT 600MM (24 IN) REAR ACCESS NEEDED FOR SERVICING.
8. MINIMUM CLEARANCE IN FRONT 600MM (24 IN) CLEARANCE IN FRONT 600MM (24 IN) REAR ACCESS NEEDED FOR SERVICING.
9. THE UPS CABLES CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE CONFIGURATIONS.
10. BOTTOM OR TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE.
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

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>RACK W/ 1 UPS</td>
<td>294.4 kg (652 lbs)</td>
<td>325 (18/14)</td>
<td>230 (9.06)</td>
</tr>
</tbody>
</table>

METRIC:

EATON CORPORATION

DESCRIPTION: BLADEUPS SERIES (RECONFIG-HEIGHTLINE) W/6-POS BLADEBAR (TOP ENTRY)

DRAWN BY: [SIGNATURE]
CHECKED BY: [SIGNATURE]
APPROVED BY: [SIGNATURE]

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SPECIFIED.
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: 20-29°C (68-85°F) maximum relative humidity: 95% non-condensing, minimum: 18%.
6. Minimum clearances: 900 mm (36 in) front access and 900 mm (36 in) rear access needed for servicing.
7. Minimum 450 mm (17.7 in) clearance in front, not including customer connection cover, is needed for ventilation exhaust.
8. Minimum 220 mm (8.7 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. Minimum 900 mm (36 in) front access and 900 mm (36 in) rear access needed for servicing.
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.

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Entry</td>
<td>1080</td>
</tr>
<tr>
<td>A</td>
<td>521</td>
</tr>
<tr>
<td>B</td>
<td>236</td>
</tr>
<tr>
<td>C</td>
<td>430</td>
</tr>
</tbody>
</table>

*Note: UPS positions shown are required for all configurations.*
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. Indoor area free of conductive contaminants. Operating range: 23°C (73°F), maximum relative humidity 95% non-condensing.
6. Minimum 900 mm (36 in) clearance in front, not including customer connection cover, is needed for ventilation exhaust.
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 stand-alone configurations.
10. Bottom or top cable entry through removable conduit landing plate. Plate shall be custom modified to suit conduit sizes.
11. Bottom or top cable entry through removable conduit landing plate. Plate shall be custom modified to suit conduit sizes.
12. AC input to UPS (external battery only): 3 phases, 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 3-40°C (37-104°F) RECOMMENDED OPERATING RANGE 20-25°C (68-77°F) MAXIMUM RELATIVE HUMIDITY 95% NON-CONDENSING.
6. MINIMUM 600MM (186.4 IN) FRONT ACCESS AND 600MM (186.4 IN) REAR ACCESS NEEDED FOR SERVICING.
7. MINIMUM 510MM (16.1 IN) CLEARANCE IN REAR, NOT INCLUDING CUSTOMER CONNECTION COVER, IS NEEDED FOR VENTILATION EXHAUST.
8. MINIMUM 510MM (20 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. 
11. ALL WIRING IS 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**

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Weight (lbs)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDARD WITH MBM</td>
<td>750</td>
<td>333</td>
<td>232</td>
<td></td>
</tr>
<tr>
<td>4 HIGH WITH MBM</td>
<td>750</td>
<td>333</td>
<td>232</td>
<td></td>
</tr>
<tr>
<td>TOP ENTRY CONFIGURATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CUSTOMER CONNECTION COVER</td>
<td></td>
<td></td>
<td></td>
<td></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: 0°C - 40°C (32°F - 104°F) recommended operating range; 25°C - 38°F (77°F) maximum relative humidity 95% non-condensing.
6. Minimum 900mm (36 in) front access and 600mm (24 in) rear access needed for servicing.
7. Bottom or top cable entry through removable conduit landing plate.
8. All wiring is to be in accordance with national and local electric codes.
9. AC input to UPS rectifier (0.98 Min PF): 3 phases, 1 neutral, 1 ground.
10. AC output to load: 3 phases, 1 neutral, 1 ground.
11. The UPS cabinet can be installed in line-up-and-match or standalone configurations.
12. AC output 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**
3 high Bladepans (Preconfigured) W/6-POS Bladebar (Top Entry)

**DESCRIPTION**

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

**WEIGHT AND CENTER OF GRAVITY**

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>WEIGHT (kg/25.4)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back w/3 UPS w/MBM</td>
<td>842.2</td>
<td>332</td>
<td>342</td>
<td>344</td>
</tr>
</tbody>
</table>

**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°C - 40°C (32°F - 104°F) recommended operating range; 25°C - 38°F (77°F) maximum relative humidity 95% non-condensing.
6. Minimum 900mm (36 in) front access and 600mm (24 in) rear access needed for servicing.
7. Bottom or top cable entry through removable conduit landing plate.
8. All wiring is to be in accordance with national and local electric codes.
9. AC input to UPS rectifier (0.98 Min PF): 3 phases, 1 neutral, 1 ground.
10. AC output to load: 3 phases, 1 neutral, 1 ground.
11. The UPS cabinet can be installed in line-up-and-match or standalone configurations.
12. AC output to UPS (external battery only): 1 positive, 1 negative, 1 ground.
13. Specifications are subject to change.

**WEIGHT AND CENTER OF GRAVITY**

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>WEIGHT (kg/25.4)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back w/3 UPS w/MBM</td>
<td>842.2</td>
<td>332</td>
<td>342</td>
<td>344</td>
</tr>
</tbody>
</table>
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 4°C-45°C (39°F-113°F). RECOMMENDED OPERATING RANGE 20°C-35°C (68°F-95°F). MAXIMUM RELATIVE HUMIDITY 95% NON-CONDENSING.
6. MINIMUM 800 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 100 MM (3.9 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.
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**

**WEIGHT AND CENTER OF GRAVITY**

<table>
<thead>
<tr>
<th>TOP ENTRY CONFIGURATION</th>
<th>WEIGHT</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 UPS WITH MBM</td>
<td>486.2 kg (1074 lb)</td>
<td>281 (24.8 ft)</td>
<td>238 (14.0 ft)</td>
<td>277 (13.8 ft)</td>
</tr>
</tbody>
</table>

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

**CUSTOMER CONNECTION COVER**
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 (+4°C to +35°C) RECOMMENDED OPERATING RANGE, 20°C to 24°C MAX. RELATIVE HUMIDITY 90% NON-CONDENSING.
6. MINIMUM 900MM (36 IN) FRONT ACCESS AND 600MM (24 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. 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.

WEIGHT AND CENTER OF GRAVITY

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>TOP ENTRY CONFIGURATION</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCL 1 HIGH WITH MBM</td>
<td>350.2 kg (772 lbs)</td>
<td>774 [30.47]</td>
<td>386 [15.20]</td>
<td>242 [9.53]</td>
</tr>
</tbody>
</table>

**NOTE: UPS POSITIONS SHOWN ARE REQUIRED FOR ALL CONFIGURATIONS**
### TABLE 1 - PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>NUMBER OF UPS MODULES</th>
<th>UPS RATING</th>
<th>AC INPUT VOLTAGE</th>
<th>AC OUTPUT VOLTAGE</th>
<th>INTERNAL BREAKER RATINGS</th>
<th>RATED AC INPUT CURRENT</th>
<th>RATED AC OUTPUT CURRENT</th>
<th>INPUT OVERCURRENT PROTECTION REQUIRED</th>
<th>MAX HEAT DISSIPATION AT 100% LOAD</th>
<th>NAMEPLATE KVA</th>
<th>NAMEPLATE KW</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12</td>
<td>208/120</td>
<td>208/120</td>
<td>36</td>
<td>150</td>
<td>150</td>
<td>50A</td>
<td>17.3</td>
<td>12</td>
<td>1.2</td>
</tr>
<tr>
<td>2</td>
<td>20</td>
<td>230</td>
<td>230</td>
<td>66</td>
<td>300</td>
<td>300</td>
<td>100A</td>
<td>25.6</td>
<td>18</td>
<td>1.8</td>
</tr>
<tr>
<td>3</td>
<td>36</td>
<td>240</td>
<td>240</td>
<td>99</td>
<td>450</td>
<td>450</td>
<td>150A</td>
<td>36.5</td>
<td>24</td>
<td>2.4</td>
</tr>
<tr>
<td>4</td>
<td>48</td>
<td>240</td>
<td>240</td>
<td>133</td>
<td>600</td>
<td>600</td>
<td>200A</td>
<td>48.8</td>
<td>36</td>
<td>3.6</td>
</tr>
<tr>
<td>5</td>
<td>60</td>
<td>240</td>
<td>240</td>
<td>166</td>
<td>800</td>
<td>800</td>
<td>250A</td>
<td>61.1</td>
<td>48</td>
<td>4.8</td>
</tr>
<tr>
<td>6 (N+1)</td>
<td>72</td>
<td>240</td>
<td>240</td>
<td>225</td>
<td>1000</td>
<td>1000</td>
<td>300A</td>
<td>75.4</td>
<td>60</td>
<td>6.0</td>
</tr>
<tr>
<td></td>
<td>8 (N+1)</td>
<td>240</td>
<td>240</td>
<td>275</td>
<td>1200</td>
<td>1200</td>
<td>350A</td>
<td>90.7</td>
<td>72</td>
<td>7.2</td>
</tr>
</tbody>
</table>

### TABLE 2 - CUSTOMER WIRING

<table>
<thead>
<tr>
<th>WIRES</th>
<th>ACCEPTED WIRE RANGE</th>
<th>TORQUE RATING</th>
<th>RECOMMENDED WIRE SIZE FOR COPPER STRANDED WIRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT PHASE WIRES</td>
<td>6 AWG TO 350 kcmil</td>
<td>31.1 [275]</td>
<td></td>
</tr>
<tr>
<td>INPUT NEUTRAL WIRE</td>
<td>6 AWG TO 350 kcmil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OUTPUT PHASE WIRES</td>
<td>6 AWG TO 350 kcmil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OUTPUT NEUTRAL WIRE</td>
<td>6 AWG TO 350 kcmil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GROUND WIRES</td>
<td>4 AWG TO 350 kcmil</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: WIRE GAUGE DEPENDS ON OVERCURRENT PROTECTION RATING REQUIRED (SEE TABLE 1). REFERENC THE NEC, NFPA 70 FOR WIRE SIZING.