

# Charles Universal Broadband Enclosures (CUBE) CUBE PM4XXX Series – Swing Out Rack

Charles PM4XXX Series backhaul cabinets with swing out racks are compact, robust (GR-487 compliant) and cost effective outdoor enclosures for wireless backhaul electronics. A variety of models offer from 16 to 20 RU of equipment mounting space, several thermal management options, multiple equipment chambers and AC power distribution. The swing out rack provides access to the rear of installed equipment when a rear door or rear entry is not available. Flexible mounting options including wall, pad and plinth mounts enable the cabinets to be placed in virtually any location.



**PM4120H-B & PM4121H-B  
(Swing-Out Rack)**



**PM4220H-B & PM4221H-B  
(Swing-Out Rack)**



**PM4300H-B & PM4300HT-B  
(Swing-Out Rack)**

UL / GR487 COMPLIANT • 1 YEAR WARRANTY

For additional product information, please visit [www.charlesindustries.com](http://www.charlesindustries.com)

OG-OSP023-K16

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 Charles  
an Amphenol company

# CUBE PM4XXX Series – Swing Out Rack

| CUBE Part Number | Standard Mounting | Overall Dimensions | RU | Mounting Rails | Equipment Chamber Door(s) | Equipment Chamber Dimensions | Battery Chamber Dimensions | Handoff Chamber | Load Center | Thermal       | Integrated Power | Weight (Empty) lbs. | Optional Mounting Kit Codes |
|------------------|-------------------|--------------------|----|----------------|---------------------------|------------------------------|----------------------------|-----------------|-------------|---------------|------------------|---------------------|-----------------------------|
| CUBE-PM4120H-B   | Pad Mount         | 38x28x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | —                          | —               | 8 Position  | 580W 48VDC HX | —                | 115                 | A, B, C, D, E               |
| CUBE-PM41613DB1  | Pad Mount         | 38x28x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | —                          | —               | 8 Position  | 750W 24VDC HX | —                | 180                 |                             |
| CUBE-PM41613DB2  | Pad Mount         | 38x28x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | —                          | —               | 8 Position  | 750W 24VDC HX | Eltek            | 180                 |                             |
| CUBE-PM41613SN1  | Pad Mount         | 38x28x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | —                          | —               | None        | 750W 24VDC HX | Eltek            | 180                 | A, B, C, E                  |
| CUBE-PM4200HB-A  | Pad Mount         | 54x28x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | 15x28x18                   | —               | 8 Position  | 750W 48VDC HX | Eltek            | 180                 | A, B, C, D, E               |
| CUBE-PM4220H-B   | Pad Mount         | 38x38x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | —                          | 37x18x10        | 8 Position  | 580W 48VDC HX | —                |                     |                             |
| CUBE-PM4221H-B   | Wall/H-Frame      | 38x38x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | —                          | 37x18x10        |             | 580W 24VDC HX | —                |                     |                             |
| CUBE-PM4300HT-B  | Pad Mount         | 54x38x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | 15x28x18                   | 37x18x10        | 8 Position  | 580W 48VDC HX | —                |                     |                             |
| CUBE-PM4301HB1A  | Pad Mount         | 54x38x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | 15x28x18                   | 37x18x10        | 8 Position  | 580W 48VDC HX | Eltek            | 285                 |                             |
| CUBE-PM4301HB2A  | Pad Mount         | 54x38x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | 15x28x18                   | 37x18x10        | 8 Position  | 580W 48VDC HX | Delta            | 285                 |                             |
| CUBE-PM4301HT-A  | Pad Mount         | 54x38x18           | 16 | 23" Swing Rail | Front                     | 37x28x18                     | 15x28x18                   | 37x18x10        | 8 Position  | 580W 48VDC HX | —                | 215                 |                             |
| CUBE-PM4320HT-A  | Pad Mount         | 60x38x18           | 20 | 23" Swing Rail | Front                     | 44x28x18                     | 15x28x18                   | 37x18x10        | 8 Position  | 580W 48VDC HX | —                | 430                 |                             |

| Optional Mounting Kit Code | Charles Part #  | Description  |
|----------------------------|-----------------|--|
| A                          | 97-001981-A     | Pole Mount Kit for PM4100, PM4220, PM4120H, PM4300, PM4220HA         |
| B                          | 97-001982-A     | Pad Mount Template for PM4100, PM4220, PM4120H, PM4300, PM4220HA     |
| C                          | 97-001995-A     | H-Frame/Wall Mount Kit for PM4100, PM4220, PM4120H, PM4300, PM4220HA |
| D                          | 97-002002-A     | 10" Plinth Kit for Pad Mounting PM4100 and PM4220                    |
| E                          | 97-PM4X18PLTH-A | 24" Plinth Kit for 18" deep CUBE, 24"Hx28"Wx18"D                     |
| F                          | 97-PM4XPLINTH-A | 10" Plinth Kit for 20" deep CUBE, 10"Hx28"Wx20"D                     |
| G                          | 97-CABPMTKIT    | Pole Mount Kit for RL Series Cabinets                                |
| H                          | 97-002244-A     | 24" Plinth Kit for 23" deep CUBE, 10"H x 28"W x 23"D                 |
| I                          | 97-002127-A     | 10" Plinth for RL1003 Series Enclosures                              |



## ACCESSORIES

### Description

Conduit Alignment Kit used with Pad Mount Template  
 Battery Heater Pad, 100 Watt  
 Battery Heater Pad, 200 Watt  
 Replacement Pad Mount Gasket  
 Replacement Filter for Battery Compartment  
 Touch-Up Paint

### Charles Part #

97-001998-A  
 99-004146-0  
 99-004201-0  
 39-000163-0  
 39-000159-0  
 02-000290-0

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