

Charles Universal Broadband Enclosures (CUBE) CUBE PM427 Series



CUBE PM427 Series Enclosures can serve a wide range of radio and base transceiver station (BTS) equipment such as power plants, routers, BBU, protection, site monitoring and fiber panels. With 27 RU of 23" rackmount space, these rugged enclosures are available in many different configurations with an assortment of thermal options for even the most demanding heat dissipation needs. Options include integrated power, protection, fiber management, and site monitoring.

Specifications

| | |
|------------------------------|---|
| Construction | 0.125" Aluminum Welded Construction Outer Enclosure, Powder Coated Off White Finish |
| Mounting Style | Wall/H-Frame Mount (or Pad Mount with Plinth) |
| Thermal Management | 750W (x2) or 1880W HX, 10K HVAC |
| Rack Mounting | 23", 27RU |
| Door Latching | 3-Point Latching with Pad Lockable Handle (Front and Rear) |
| Optional Battery Compartment | One (1) string Tel.x 100 Ni-CD or one (1) string 100 Ah VRLA |
| Cable Ingress/Egress | (4) 1.75"/2.5" Knockouts on bottom (6) 1.75"/2.5" Knockouts on RHS (4) 1.75"/2.5" Knockouts on LHS (2) 1.75"/2.5" Knockouts on rear (2) 2.5"/3.5" Knockouts on rear |
| Certifications | Telcordia GR-487-CORE, UL 60950 |



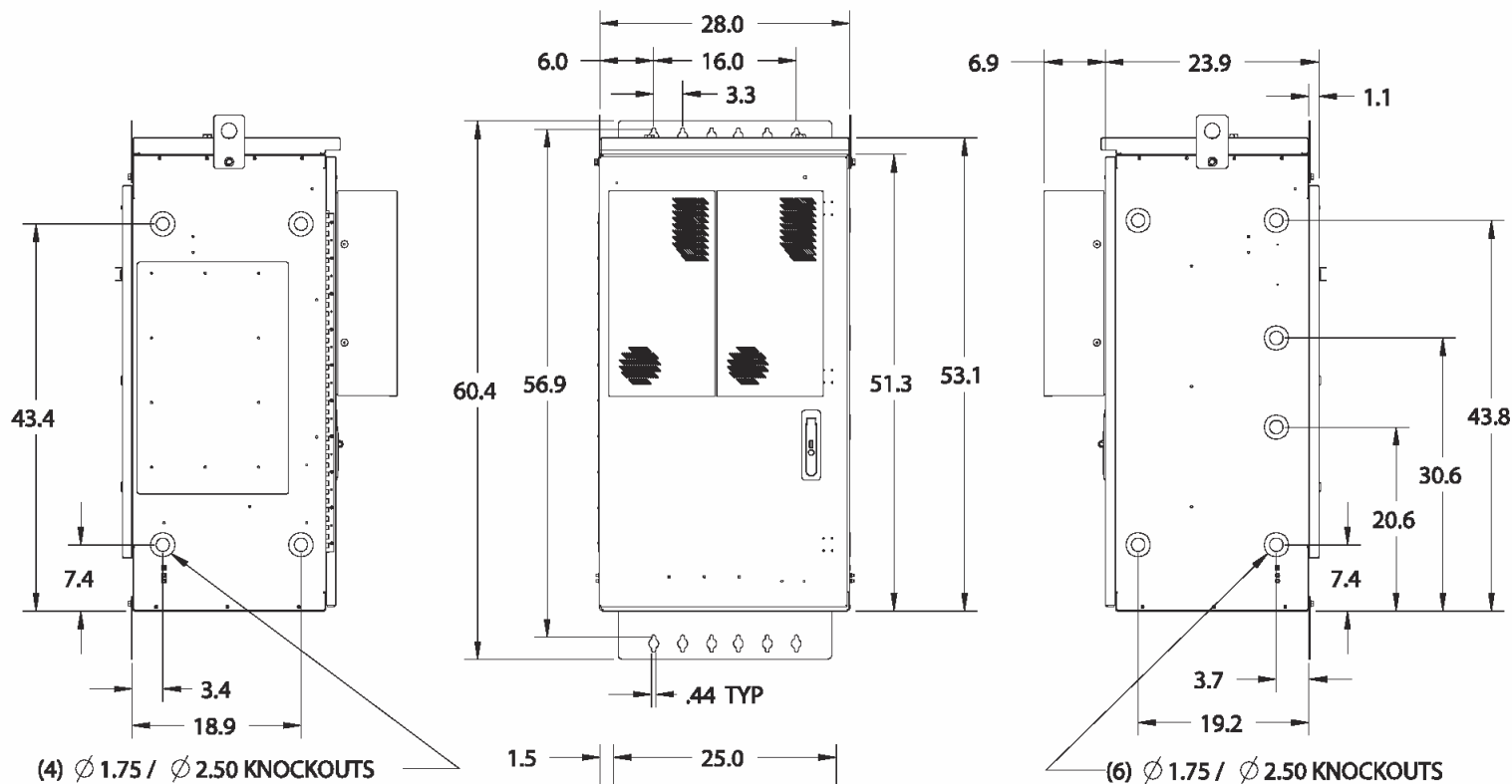
Accessories

| | |
|------------|---------------------------|
| 24" Plinth | Charles Part #97-002244-A |
|------------|---------------------------|

| Charles Part # | Overall Dimensions | RU | Mounting Rails | Equipment Chamber Door | Equip. Chamber Dimensions | Battery Chamber Dimensions | Load Center | Thermal Specs | Integrated Power | Weight Empty (lbs.) |
|-----------------|--------------------|----|----------------|-------------------------|---------------------------|----------------------------|-------------|--------------------|------------------|---------------------|
| CUBE-PM42712DN1 | 52x28x23 | 27 | 23" Fixed Rail | Front Door & Rear Panel | 52x28x23 | — | None | (2) 750W 48VDC HX | — | 200 |
| CUBE-PM42712DN2 | 52x28x23 | 27 | 23" Fixed Rail | Front Door & Rear Panel | 52x28x23 | — | None | (2) 750W 48VDC HX | GE | 225 |
| CUBE-PM42712NN1 | 52x28x23 | 27 | 19" Fixed Rail | Front Door & Rear Panel | 52x28x23 | — | None | None | — | 143 |
| CUBE-PM42712UN1 | 52x28x23 | 27 | 23" Fixed Rail | Front Door & Rear Panel | 52x28x23 | — | None | 10K BTU AC, 220VAC | GE | 330 |
| CUBE-PM42712UN2 | 52x28x23 | 27 | 23" Fixed Rail | Front Door & Rear Panel | 52x28x23 | — | None | 10K BTU AC, 220VAC | GE | 355 |
| CUBE-PM42722MN2 | 68x28x23 | 27 | 23" Fixed Rail | Front Door & Rear Panel | 52x28x23 | 15x28x23 | None | 1880W 48VDC HX | GE | 300 |

For additional product information, please visit www.charlesindustries.com

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CUBE-PM42712DN1 shown.
All measurements in inches.

