

Charles Universal Broadband Enclosures (CUBE) Macro Equipment Cabinets: CUBE PM644 Series



**MADE IN THE
USA**



PM644 Series Enclosures can serve a wide range of radio and base station equipment such as power plants, routers, base band units, protection, site monitoring and fiber panels. With 44 RU of 19 or 23" rackmount space in both the front and rear, 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, site monitoring, and electronic access control.

Specifications

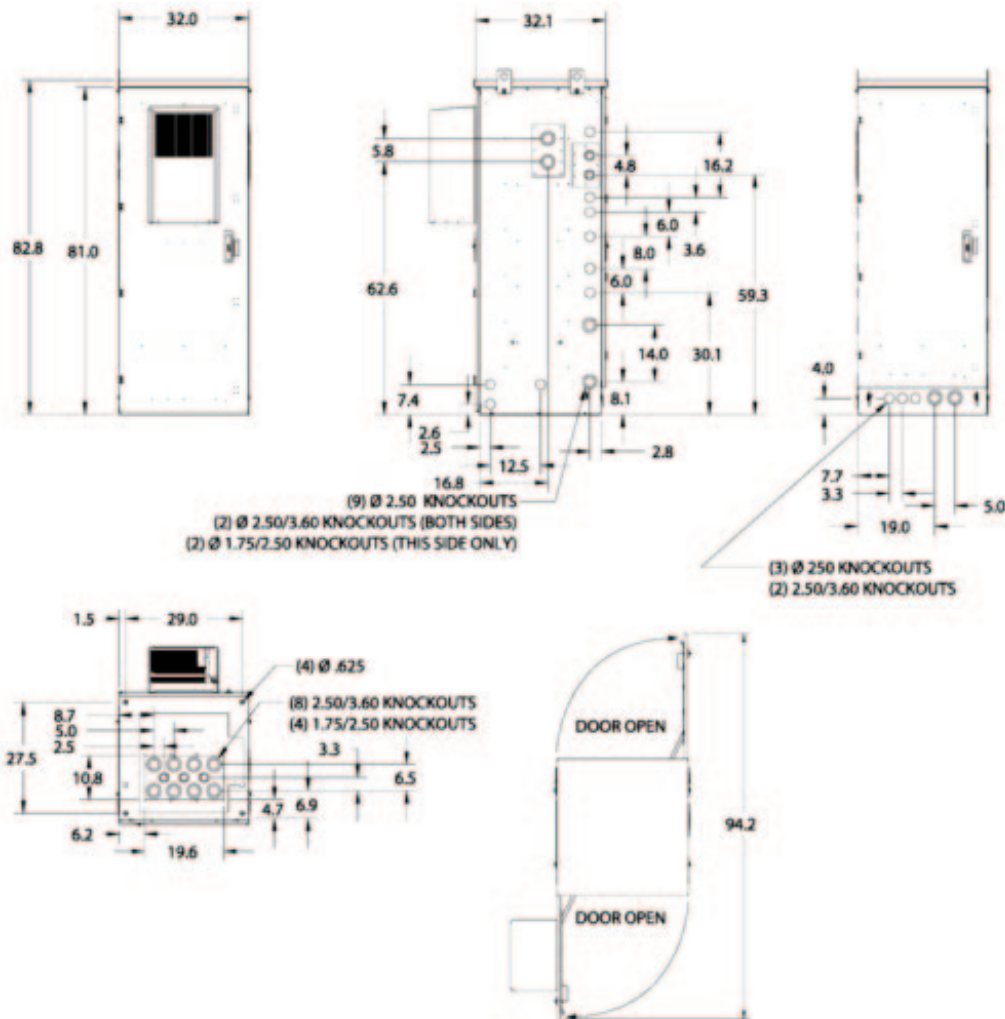
Construction	0.125" Aluminum Welded Construction Outer Enclosure, Powder Coated Off White Finish
Mounting Style	Pad Mount
Thermal Management	1880W / 3500W Hx, 4K /10K HVAC
Rack Mounting	23", 44RU
Door Latching	3-Point Latching with Pad Lockable Handle (Front and Rear)
Optional AC Termination	12, 16 or 20 Position Load Center
Certifications	Telcordia GR-487-CORE, UL 60950

PM644 Series Macro Equipment Cabinets can be combined with Charles' CUBE Battery and Power Cabinets to form a complete CRAN Node Site.



CUBE PM644 Series

Charles Part #	Overall Dimensions	RU	Mounting Rails	Equipment Chamber Door	Equip. Chamber Dim. (in)	Battery Chamber Dim. (in)	Handoff Chamber Dim. (in)	Load Center	Thermal Specs	Weight Empty
CUBE-PM64412KN1	83x32x32	44	(2) 23" Fixed Rail	Front & Rear	82x32x32	None	None	None	4K BTU DC HVAC (adds 11.5" to depth)	368
CUBE-PM64412LN1	83x32x32	44	(2) 23" Fixed Rail	Front & Rear	82x32x32	None	None	None	10K BTU DC HVAC (adds 12.2" to depth)	393
CUBE-PM64412MN1	83x32x32	44	(2) 23" Fixed Rail	Front & Rear	82x32x32	None	None	None	1880W DC Heat Exchanger (adds 6.9" to depth)	346
CUBE-PM64412TN1	83x32x32	44	(2) 23" Fixed Rail	Front & Rear	82x32x32	None	None	None	3500W DC Heat Exchanger (adds 13.5" to depth)	413
CUBE-PM64412UN1	83x32x32	44	(2) 23" Fixed Rail	Front & Rear	82x32x32	None	None	None	10K BTU HVAC (adds 12.2" to depth)	393
CUBE-PM64412VN1	83x32x32	44	(2) 23" Fixed Rail	Front & Rear	82x32x32	None	None	None	(2) 10K BTU DC HVAC (adds 42.4" to depth)	513



CUBE PM644 SERIES ACCESSORY ITEMS

PART NUMBER

DESCRIPTION

97-001990-A	19" Rackmount Slide Tray
97-001999-A	23" Rackmount Slide Tray
97-002162-A	6" Plinth for CUBE-PM6XXXX Series
97-002178-A	Folding Laptop Kit
97-002194-A	Blank Cover for Load Center
97-002228-A	8" Top Hat Cable Entry Kit for PM64
96-004500-A	10" Top Hat Cable Entry Kit for PM644
96-PMc44RK19EXT	23" to 19" Rack Extender Kit, 44RU
Order this for field install.	
97-002567-A	(4) 2" Diameter, Rigid Conduit and Connectors, 6" Long
97-002284-A	Kit, PM644 Alarm Panel (12) Lightning Protectors
03-200879-0	Alarm Cable Between Alarm Panel and ALU Alarm Card

FACTORY INSTALLED OPTIONS

96-000002-A	Installation of Smoke Alarm, -48VDC
96-000003-A	Retractable Overhang for PM6, SS, BB Cabinets
96-ROXTEC2X3KFO	Roxtec Hybrid Cable Entry Panel for PM639 Cabinet: 6 Ports
96-ROXTEC2X9CRL	Cable Entry Panel with 2 Roxtec Entry Ports, 9 ports ea, 18 total
96-TLHPGMT10FA	Installation of Telect HPGMT10FA Fuse Panel in Cabinet
97-002230-A	Installation of 8" Top Hat Cable Entry Kit for PM644 Cabinets