

Charles Universal Broadband Enclosures (CUBE) CUBE PM4XXX Series – Fixed Rail

Charles PM4XXX Series fixed rail backhaul cabinets are compact, robust (GR-487 compliant) and cost effective outdoor enclosures for wireless backhaul electronics. A variety of models offer from 14 to 27 RU of equipment mounting space, several thermal management options, multiple equipment chambers and AC power distribution. In addition, flexible mounting options including wall, pad and plinth mounts enable the cabinets to be placed in virtually any location.



PM4100



PM4110



PM4220



PM4300

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



UL / GR487 COMPLIANT • 1 YEAR WARRANTY

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Charles

CUBE PM4XXX Series – Fixed Rail

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-PM4100-A	Pad Mount	33x28x18	16	23" Fixed Rail	Front	33x28x18	—	—	2 Position	750W 48VDC HX	—	105	
CUBE-PM4100A-A	Pad Mount	33x28x18	16	23" Fixed Rail	Front	33x28x18	—	—	2 Position	4K BTU HVAC	—		
CUBE-PM4110-A	Wall/H-Frame	33x28x18	16	23" Fixed Rail	Front	32x28x18	—	—	None	750W 48VDC HX	—	130	E, G, D
CUBE-PM4140-A	Wall/H-Frame	46x28x18	24	23" Fixed Rail	Front	45x28x18	—	—	None	750W 48VDC HX	—	150	E, G, D
CUBE-PM4140V-A	Wall/H-Frame	46x28x18	24	23" Fixed Rail	Front	45x28x18	—	—	None	Vented	—		E, G, D
CUBE-PM4141-A	Wall/H-Frame	46x28x18	24	23" Fixed Rail	Front	45x28x18	—	—	None	1200W 48VDC HX	—	185	G, D, E
CUBE-PM41612NN1	Pad Mount	33x28x18	16	23" Fixed Rail	Front & Rear	33x28x18	—	—	None	None	—		
CUBE-PM41621QA1	Pad Mount	48x28x18	16	23" Fixed Rail	Front	33x28x18	15x28x18	—	2 Position	750W 120VAC HX	—	205	
CUBE-PM4200-A	Pad Mount	48x28x18	16	23" Fixed Rail	Front	33x28x18	15x28x18	—	2 Position	750W 48VDC HX	—	145	
CUBE-PM4201-A	Pad Mount	48x28x18	16	23" Fixed Rail	Front & Rear	37x28x18	15x28x18	—	8 Position	580W 48VDC HX	—		
CUBE-PM4201A-A	Pad Mount	48x28x18	16	23" Fixed Rail	Front & Rear	37x28x18	15x28x18	—	8 Position	580W 120VAC HX	—		
CUBE-PM4203HI-A	Padmount	40x38x20	14	23" Fixed Rail	Front & Rear	27x38x20	13x38x20	—	8 Position & ATS	4K BTU HVAC	Delta	353	
CUBE-PM4203HT-A	Pad Mount	40x38x20	14	23" Fixed Rail	Front & Rear	27x38x20	13x38x20	—	8 Position	4K BTU HVAC	—	310	
CUBE-PM4220-A	Pad Mount	33x38x18	16	23" Fixed Rail	Front	33x28x18	—	33x18x10	2 Position	750W 48VDC HX	—	155	
CUBE-PM42411NN2	Wall/H-Frame	46x28x20	24	23" Fixed Rail	Front	45x28x18	—	—	None	Internal Fan	—	160	G, E
CUBE-PM42412CH1	Pad Mount	46x28x20	24	23" Fixed Rail	Front & Rear	46x28x20	—	—	AC Panel	580W 24VDC HX	—	200	F
CUBE-PM42412DN1	Pad Mount	46x28x20	24	23" Fixed Rail	Front & Rear	46x28x20	—	—	AC Panel	4K BTU HVAC	—	200	F
CUBE-PM42412JN1	Pad Mount	46x28x20	24	23" Fixed Rail	Front & Rear	46x28x20	—	—	AC Panel	—	—	275	
CUBE-PM42712DN1	Wall/H-Frame	52x28x23	27	23" Fixed Rail	Front & Rear	52x28x23	—	—	None	(2) 750W 48VDC HX	—	200	H
CUBE-PM42712DN2	Wall/H-Frame	52x28x23	27	23" Fixed Rail	Front & Rear	52x28x23	—	—	None	(2) 750W 48VDC HX	GE	225	H
CUBE-PM42712NN1	Wall/H-Frame	52x28x23	27	19" Fixed Rail	Front & Rear	52x28x23	—	—	None	None	—	143	H
CUBE-PM42712UN1	Wall/H-Frame	52x28x23	27	23" Fixed Rail	Front & Rear	52x28x23	—	—	None	10K BTU AC, 220VAC	GE	330	H
CUBE-PM42712UN2	Wall/H-Frame	52x28x23	27	23" Fixed Rail	Front & Rear	52x28x23	—	—	None	10K BTU AC, 220VAC	GE	355	H
CUBE-PM42722MN2	Wall/H-Frame	68x28x23	27	23" Fixed Rail	Front & Rear	52x28x23	15x28x23	—	None	1880W 48VDC HX	GE	300	H
CUBE-PM4300-A	Pad Mount	48x38x18	16	23" Fixed Rail	Front	33x28x18	15x28x18	33x18x10	2 Position	750W 48VDC HX	—	350	

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

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