Communication Network Solutions

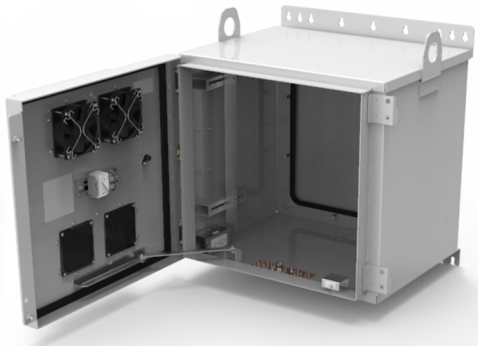
Boxer® and Boxer® Plus Series Outdoor Enclosure Ordering Guide

Westell's Boxer and Boxer Plus series of outdoor enclosures offer innovative solutions to meet your demand for protection and security of your network equipment. A wide range of sizes and cooling options are available to support your space and cooling requirements.

All outdoor enclosures in the Boxer and Boxer Plus series are designed to meet Telcordia GR-487 to provide outstanding environmental protection for your network equipment. Westell cabinets utilize welded, aluminum, powder-coated construction to provide years of service.

Boxer and Boxer Plus cabinets consist of an equipment cabinet (main enclosure), multiple cooling choices, and elective mounting options.

Boxer 5 Slide
A90-BXM05SL-NAF
with Fan Cooling



Boxer 10
A90-BXM1019-NAF
with Fan Cooling

Boxer 20 Plus
A90-BXM20P-18HE
with Heat Exchanger Cooling

Boxer 30 Plus
A90-BXM30P-51AC
with Air Conditioner Cooling

Boxer 44 Plus
A90-BXM44P-40HE
with Heat Exchanger Cooling

Boxer 30 Twin
A90-BXM30TP-2D1H
with Single Heat Exchanger Cooling

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The Boxer® and Boxer® Plus Series Outdoor Enclosure System:

Capacity & Components:

- Boxer outdoor enclosures support 19" internal rack rails.
- Boxer Plus outdoor enclosures add support for both 19" and 23" internal rack rails and is sized wider and deeper than the Boxer series.
- Boxer and Boxer Plus outdoor enclosures consist of an equipment cabinet, cooling options, and mounting options.

Mounting Options:

Wall/H-Frame Mounting:

- Wall/H-frame mount for the main enclosure is a standard feature built into Boxer cabinets / outdoor enclosures.
- To Wall/H-frame mount a main enclosure with a battery box an additional mounting kit is required to support the extra weight of the batteries.

Pole Mounting:

- Pole mounting is possible by using the applicable pole mount kit.

Pad Mounting:

- Pad mounting is possible for the entire Boxer and Boxer Plus families except the Boxer 5 Slide.
- The Boxer family requires an optional battery box or plinth for pad mounting.
- The Boxer Plus family can be mounted directly to a pad with or without a battery box or plinth and with an optional pad mount kit.

Boxer Series:	Part Number:	Rack Units and Rack Space:	Thermal:	Power:	Access:	Overall Dimensions: (With Lift Ears & Mounting Brackets) H x W x D	Weight:	Wall / H-Frame Mount:	Pole Mount:	Pad Mount:	Battery Box:
Boxer 5 Slide Series, 5 RU Outdoor Enclosure	A90-BXM05SL-NAF	5 RU 19" vertical rails	Active fan cooling, temp. controlled	-48VDC	Front	26.10 x 22.70 x 11.09 (in) / 66.29 x 57.66 x 28.17 (cm)	37.00 (lbs) / 16.76 (kg)	Included	Optional	N/A	N/A
	A90-BXM05SL-2HE	5 RU 19" vertical rails	15W/°C heat exchanger, temp. controlled	-48VDC	Front	26.10 x 28.60 x 11.09 (in) / 66.29 x 72.64 x 28.17 (cm)	55.00 (lbs) / 24.92 (kg)	Included	Optional	N/A	N/A
Boxer 10 Series, 10 RU Outdoor Enclosure	A90-BXM1019-AC	10 RU 19" rails	Air conditioner	-48VDC	Front and Rear	27.80 x 25.00 x 26.00 (in) / 70.61 x 63.50 x 66.04 (cm)	94.00 (lbs) / 42.58 (kg)	Included	Optional	Optional	Optional
	A90-BXM1019-NAF	10 RU 19" rails	Fan	-48VDC	Front and Rear	27.80 x 25.00 x 25.00 (in) / 70.61 x 63.50 x 63.50 (cm)	59.00 (lbs) / 26.73 (kg)	Included	Optional	Optional	Optional
	A90-BXM1019-NMT	10 RU 19" rails	Passive cooling	N/A	Front and Rear	27.80 x 25.00 x 22.00 (in) / 70.61 x 63.50 x 55.88 (cm)	49.00 (lbs) / 22.20 (kg)	Included	Optional	Optional	Optional
	A90-BXM1019-NHE3	10 RU 19" rails	34W/°C heat exchanger, temp. controlled	+24 or -48VDC	Front and Rear	27.80 x 25.00 x 29.00 (in) / 70.61 x 63.50 x 73.66 (cm)	70.00 (lbs) / 31.71 (kg)	Included	Optional	Optional	Optional
	A90-BXM1019-NHE6	10R U 19" rails	34W/°C heat exchanger, temp. controlled with door mount controller	+24 or -48VDC	Front and Rear	27.80 x 25.00 x 29.00 (in) / 70.61 x 63.50 x 73.66 (cm)	70.00 (lbs) / 31.71 (kg)	Included	Optional	Optional	Optional
Boxer 20 Plus Series, 20 RU Outdoor Enclosure	A90-BXM20P-18HE	20 RU 19" or 23" rails	99W/°C heat exchanger, temp. controlled	-48VDC	Front and Rear	39.10 x 29.00 x 42.31 (in) / 99.31 x 73.66 x 107.47 (cm)	180.00 (lbs) / 81.54 (kg)	N/A	Optional	Optional	Optional
	A90-BXM20P-51AC	20 RU 19" or 23" rails	Air conditioner	220 VAC	Front and Rear	39.10 x 29.00 x 39.79 (in) / 99.31 x 73.66 x 101.07 (cm)	210.00 (lbs) / 95.13 (kg)	Optional	Optional	Optional	Optional
	A90-BXM20P-NAF	20 RU 19" or 23" rails	Fan	-48VDC	Front and Rear	39.10 x 29.00 x 35.25 (in) / 99.31 x 73.66 x 89.54 (cm)	166.00 (lbs) / 75.30 (kg)	N/A	Optional	Optional	Optional
Boxer 30 Plus Series, 30 RU Outdoor Enclosure	A90-BXM30P-18HE	30 RU 19" or 23" rails	99W/°C heat exchanger, temp. controlled	-48VDC	Front and Rear	56.70 x 29.00 x 41.34 (in) / 144.02 x 73.66 x 105.00 (cm)	218.00 (lbs) / 98.88 (kg)	Included	Optional	Optional	Optional
	A90-BXM30P-51AC	30 RU 19" or 23" rails	Air conditioner	220 VAC	Front and Rear	56.70 x 29.00 x 41.34 (in) / 144.02 x 73.66 x 105.00 (cm)	241.00 (lbs) / 109.17 (kg)	N/A	Optional	Optional	Optional
Boxer 44 Plus Series, 44 RU Outdoor Enclosure (Solar Shield and Plinth Included)	A90-BXM44P-40HE	44 RU 19" or 23" rails	210 W/°C heat exchanger, temp. controlled	-48VDC	Front and Rear	80.80 x 33.90 x 46.90 (in) / 205.23 x 86.11 x 119.13 (cm)	525.00 (lbs) / 237.83 (kg)	N/A	N/A	Optional	N/A
	A90-BXM44P-NAF	44 RU 19" or 23" rails	Fan	120 VAC	Front and Rear	80.80 x 33.90 x 38.00 (in) / 205.23 x 86.11 x 96.52 (cm)	489.00 (lbs) / 221.52 (kg)	N/A	N/A	Optional	N/A
	A90-BXM44P-51AC	44 RU 19" or 23" rails	Air conditioner	-48VDC	Front and Rear	80.80 x 33.90 x 44.30 (in) / 205.23 x 86.11 x 112.52 (cm)	507.00 (lbs) / 229.67 (kg)	N/A	N/A	Optional	N/A
Boxer 30 Twin Series 2 Bays, 30 RU Each (60 RU Total) Outdoor Enclosure	A90-BXM30TP-2D1H	Twin 30 RU 19" or 23" rails	210 W/°C heat exchanger	-48VDC	Front and Rear	77.50 x 63.20 x 46.90 (in) / 196.85 x 160.53 x 119.13 (cm)	746.00 (lbs) / 338.38 (kg)	N/A	N/A	Optional	Included
	A90-BXM30TP-4D2H	Twin 30 RU 19" or 23" rails	2x210 W/°C heat exchanger	-48VDC	Front and Rear	77.50 x 63.20 x 55.95 (in) / 196.85 x 160.53 x 142.11 (cm)	849.00 (lbs) / 385.10 (kg)	N/A	N/A	Optional	Included
	A90-BXM30TP-2D1AC	Twin 30 RU 19" or 23" rails	Air conditioner	-48VDC	Front and Rear	77.50 x 63.20 x 42.51 (in) / 196.85 x 160.53 x 107.98 (cm)	750.00 (lbs) / 340.20 (kg)	N/A	N/A	Optional	Included

NOTE: The above represent common configurations. Please, contact Westell if you need assistance with your specific application. See contact information on page 4.

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Boxer® and Boxer® Plus Series Outdoor Enclosure System Integration

Westell offers custom integration solutions for cabinet-based installations ranging from small assemblies to large, systems-based outdoor enclosures. With a strong application knowledge and field experience in building customized solutions, Westell can design the layout of active and passive equipment, cabling, and power for nearly any application.

Working collaboratively we can better understand the requirements and approach the configuration and integration together to meet and exceed client requirements. Utilizing a vendor agnostic approach while partnering with only best in class OEMs, Westell sets the bar in outside plant integrated cabinet solutions.

Part Number:	Description:	Boxer 5 Slide:	Boxer 10:	Boxer 20 Plus:	Boxer 30 Plus:	Boxer 44 Plus:	Boxer Twin:
Boxer Battery Enclosure							
A90-BXB19-A	Battery box includes GE temp probe for Boxer 10 cabinet		✓				
A90-BXB19-AE	Battery box Eltek temp probe ready for Boxer 10 cabinet		✓				
A90-BXB19-AZ	Battery box for Boxer 10 cabinet		✓				
A90-BXBP1923P-A	Battery box for 20 Plus and 30 Plus Boxer cabinets			✓	✓		
A90-BXBP-SS	Battery box solar shield for 20 Plus and 30 Plus Boxer cabinets			✓	✓		
Installation Kits & Accessories							
A90-BXA-HP01	Battery heater pad for Boxer 10 cabinet		✓				
A90-BXA-WH01	Wall/H-frame mount kit main cabinet and battery box for Boxer 10 cabinet		✓				
A90-BXA-19PT1	Pad mount template for standard battery box for Boxer 10 cabinet		✓				
A90-BXA-PM02	Pole mount kit for main cabinet for Boxer 10 cabinet		✓				
A90-BXA-PM03	Pole mount kit for main cabinet and standard battery box for Boxer 10 cabinet		✓				
A90-BXA-PM05	Pole mount kit for main cabinet (standard & wide) battery box for Boxer 10 cabinet		✓				
A90-BXA-PMSM1	Side mount pole mount kit for Boxer 10 cabinet		✓				
A90-BXA-PMSM2	Battery box side mount pole mount kit for Boxer 10 cabinet		✓				
A90-BXA-HP03	Battery heater pad for 20 Plus and 30 Plus Boxer cabinets			✓	✓		
A90-BXMP-SS	Solar shield for 20 Plus and 30 Plus Boxer cabinets			✓	✓		
A90-BXA-PTP	Pour in place pad mount template kit for 20 Plus and 30 Plus Boxer cabinets			✓	✓		
A90-BXA-PT4	Pour in place pad mount template kit for Boxer 30 Twin cabinet						✓
A90-BXB-PLNTH	Mounting plinth for Boxer 10 cabinet		✓				
A90-BXBP-PLNTH	Mounting plinth for 20 Plus and 30 Plus Boxer cabinets			✓	✓		
A90-BXB44-PLI	Mounting plinth for Boxer 44 Plus cabinet					✓	
A90-BXA-PM0P	Pole mount kit for main cabinet for 20 Plus and 30 Plus Boxer cabinets			✓	✓		
A90-BXA44-BSHELF	Battery tray for Boxer 44 Plus cabinet					✓	
A90-BXA-44PTP	Pour in place pad mount template kit for Boxer 44 Plus cabinet					✓	

Let's Talk More. Contact Westell Today!

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