

ORDERING GUIDE

Edge Distributed Data Center Power Architecture



Introduction

Dual redundant powering architectures provide high reliability power service for many applications. In true dual redundant systems design, two power trains are used, each having the capacity to support the entire critical load. Should one power train fail, the second continues to supply the required power, ensuring that service is not interrupted.

In this architecture, during normal operation, each power train will be supplying power at 50% or less of its capacity but is designed to supply 100% should the second system fail.



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Edge Distributed Power Architecture

Your Bottom Line. Transformed

The ABB Edge Distributed Power Architecture product family provides you ultimate in power conversion efficiency eliminating the need for excess equipment and single points of failure in your office. By delivering 480vac directly to the frame and battery storage local to your load equipment, the Edge is the most reliable DC data center solution yet.

In a data center, power efficiency and density are crucial. Imagine the ability to achieve significantly increased processing capability from modern highdensity servers for just a small increase in power consumption. The impact could be significant in terms of efficiency and operating power costs.

Overview

Our Edge distributed data center power architecture helps achieve just that. The power architecture is able to meet the demands of today's (and future) data centers by providing high power density in a modular solution that can grow with a data centers' computing needs.

Factor in the reduced number of power conversion steps this power architecture uses – and the associated improvements in power efficiency it provides – and you have a single solution capable of helping you reduce your data center power costs, improve white space utilization, and transform your bottom line.

Advantages

- Power Density Increase
- CapEx & OpEx Reduction
- Execution Speed
- Simplified Maintenance
- Increased Safety & Reliability



Key Features

The highly-reliable Edge distributed data center power architecture provides a cost-effective solution to backup power needs in data centers by utilizing compact DC power supplies mounted inside – on the side (vertically) – of each frame outside of the equipment space. Each power train is fed from a three-phase, 480-volts AC source and converts the power to 48-volts DC inside the enclosure for maintaining battery reserve (which is also housed in the system). With the Edge power architecture, rectifiers and batteries are hot-swappable and selfconfigure.

- Dual AC Inputs
- 380/400/415/480 VAC
- Pulsar Edge controller with integrated management system
- Intelligent Rectifier and Battery Modules
- Hot pluggable & hot swappable modules
- Digital load sharing
- Configurable local distribution
- Fully RoHS 10 compliant
- UL and CE marked for world deployment



The Edge Distributed Power Architecture offers a configurable power conversion solution at the load equipment to maximize power availability and density. The following specification are generic and not specific to a single solution. It should be noted that the overall capacities, distribution options, and plant configurations are changeable in the event they are needed.

Input	MIN	TYPICAL		MAX		
Voltage Range						
• High-Line	320VAC	480	OVAC	530VAC		
Low-Line	176VAC	208	BVAC	275VAC		
Frequency	47Hz	60	OHz	66Hz		
Power Factor	98%	99	.5%	99.8%		
Total Harmonic Distortion		Ę	5%			
Output						
Nominal Voltage	-48Vdc					
Output Rating	1000A (48kWmax for Bay))				
Vo Setpoint (Factory)	-54.5Vdc±1%					
Vo Range	-42Vdc to -58Vdc	-42Vdc to -58Vdc				
Regulation	±0.05%					
Mechanical						
	7 FOOT BAY		8 FOOT BAY			
Height (in./mm)	84 / 2134 with 44RU E	quipment Space	97.8 / 2483	with 52RU Equipment Space		
Width (in./mm)	29.8 /	29.8 / 756 Enclosure with standard 19 IN mounting rails				
Depth (in./mm) No Door	44	44 / 1118 without doors; 47.5 / 1207 with doors				
Depth (in./mm) No Door		47.5 / 1207; Door swing requires 30.2 / 767				
*Weight (Lb/Kg)	825 / 37	74		825 / 374		
	Base Cabinet in 3x3 N+	-N configuration	Base Cabir	et in 3x2 N+N configuration		

* Weight is for base cabinet only. It does not include: rectifiers, batteries, distribution modules, doors or customer equipment

Specifications (continued)



Environmental	
Operating Temperature	-40°C to +40°C (-40°F to 104°F)
Storage Temperature	-40°C to +85°C (-40°F to 185°F)
Relative Humidity	95% max, non-condensing
Altitude	4000M (for altitudes above 2000M, peak operating temperature de-rates 0.656º C /100M; 4000M peak temperature rating is 62º C

Safety And Standards Compliance				
NEBS	Evaluated by independent NRTL test lab to Telcordia GR63-CORE & GR1089-CORE Issue 6 [Level 3]			
Safety	ANSI/UL60950-1-2014 Second Edition and CAN/CSA C22.2 No. 60950-1-07, Second Edition + A2:2014 (MOD), dated October 14, 2014			
RoHS	Compliant to RoHS EU Directive 2002/95/EC RoHS 6/6			
EMC	European Directive 2014/30/EU; EN55032, Class A; EN55035; FCC, Class A; GR1089-CORE Issue 6			

Agency Certifications	
CSA / UL	ANSI/UL60950-1-2014 Second Edition and CAN/CSA C22.2 No. 60950-1-07, Second Edition + A2:2014 (MOD), dated October 14, 2014
EMI/EMC	European Directive 2014/30/EU; EN55032 (CISPR22) Class A; EN55035 (CISPR24)
NEBS Level 3	GR-1089-CORE, Issue 7, December 2017; GR-63-CORE, Issue 5, December 2017 (24kW/440A N+N; 48KW/880A N configuration with additional 1523Lbs of load equipment)

Drawings







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Ordering Guide Information



The Edge Distributed Data Center Power Architecture offers site and load dependent configurability for the end user application. Whether used as a single cabinet for an enterprise application or as a total data hall application, each bay can be configured to support as little as 6kW up to 120kW of load while supplying as little as 30 seconds up to 30 minutes of backup battery capacity. Since all power conversion takes place in the equipment bay itself, the user can define how much power and battery

reserve is required or desired in each cabinet.

The following ordering guide contains the currently released products available to be ordered for deployment in a matter of weeks. From a minimal Enclosure with rectification and distribution to a fully configured bay with all panels and feature, these configuration steps are used as a guideline to configure site specific solutions starting with the bay and then populating with various modules and features for site deployment.

Additional options will become available as the product line grows. Please contact your sales person for systems not listed below and customer specific pricing.

Step	Selections	Options
Edge Enclosure Selection	 Enclosure Size Input Voltage Input type Number of power buses Power capacity 	 7 or 8 foot 208VAC or 480VAC California Plug, Direct Wire Dual Bus, Single A or B bus 18kW, 30kW, 48kW, etc.
Specialized Power Solutions	Edge BDFBEdge Inverter Bay	 48kW, 60kW 48kW Red or Blue
Pluggable Power Units	RectifiersInverterBattery	 208VAC or 480VAC 48V/120V VRLA, Sodium Ion or NiMH
Distribution Components	 Primary distribution panels Large breaker panels Breaker sizes Connectors and Cables 	 > Dual Bus, Single A or B > Dual Bus, Single A or B > Single and multi-pole (5 - 250A) > 10 - 2AWG Connectors/Cable Kits
Additional Capacity Support	Supplemental battery shelvesBattery connection panel	 A & B, or single A or B shelves Dual Bus, Single A or B
Accessories and Adapters	 Enclosures add-ons Equipment specific modifications In bay inverter solutions 	 Doors, side panels, mounting kits Nokia mounting & Cisco air flow kit Split and single voltage inverters

Configuration Steps

ABB

Step 1a: Edge Enclosure Selection

The Edge enclosure is configured based on the height of the bay, power and battery configuration, and the type of AC input the bay accepts. The following is a list of currently released DD3.0 bays available to order for new offices as well as brownfield installations. Choose the bay based on your application and installation. If a new configuration is required for your application, please reach out to your standards team and ABB sales representative to discuss options.

Comcode	Description	Feature	Value	
1600264831A	8' Edge Distributed Power Architecture DD3.0 Bay	Rating (Kw)	18kW N+N	
	A & B power busses each equipped:	Input Voltage (Vac)	380 - 480Vac	@ 50/60Hz
	3 - Battery positions (6 Total)	Output Configuration	A & B	
	8 - PDU output positions Pulsar Edge Controller Vertical Ground Bus Front to Rear cable raceway 10Ft AC cable with CS8164 locking plug and second	Battery Positions	6 Total	
			Installed	Shipping
		Height (in/mm)	97.8/2483	104.8/2662
CS8164 locking plug for raceway connection EDGECAB G002L, G202, G303, G502, G802(2)	Width (in/mm)	29.8/756	44/1118	
	EDGECAB G002L, G202, G303, G502, G802(2) 7' Edge Distributed Power Architecture DD3.0 Bay A & B power busses each equipped: 4 - Rectifier positions (8 Total) 2 - Battery positions (4 Total) 6 - PDU output positions Pulsar Edge Controller Vertical Ground Bus Front to Rear cable raceway 10Ft AC cable with CS8164 locking plug and second CS8164 locking plug for raceway connection EDGECAB G001L, G210, G303, G501, G802(2)	Depth (in/mm)	44/1118	58/1473
		Weight (Lbs./KG)	825/374	1042/473
1600261221A		Rating (Kw)	24kW N+N	
		Input Voltage (Vac)	380 - 480Vac @ 50/60Hz	
		Output Configuration	A & B	
		Battery Positions	4 Total	
			Installed	Shipping
		Height (in/mm)	84/2135	91/2311
		Width (in/mm)	29.8/756	44/1118
		Depth (in/mm)	44/1118	58/1473
		Weight (Lbs./KG)	742/337	960/435



Step 1b: Specialty Edge Enclosure Selection

These Edge enclosures are special configurations for non-standard DD3.0 applications. Configurations include Inverter bays for localized AC serviced equipment, Edge Battery Distribution Circuit Breaker Boards, and other configuration for special applications. Choose the bay based on your application and installation. If a new configuration is required for your application, please reach out to your standards team and ABB sales representative to discuss options.

Comcode	Description	Feature	Value		
1600305670A	7' Edge Battery Distribution Circuit Breaker Board	Rating (Kw)	24kW N+N		
	Bay is equipped with the following:	Input Voltage (Vac)	380 - 480Vac @ 50/60Hz		
	2 - Vertical Battery positions (4 Total)	Output Configuration	A & B		
	11 - Horizontal Battery positions (22 Total) 3 - PDU output positions	Battery Positions	26 Total		
	3 - Battery PDU's Pulsar Edge Controller		Installed	Shipping	
	Vertical Ground Bus	Height (in/mm)	84/2135	91/2311	
	Front to Rear cable raceway 2 - 10Ft AC cable with CS8164 locking plugs	Width (in/mm)	29.8/756	44/1118	
	EDGECAB GOOIL G210 G203 G420(3) G501 G712(11)	Depth (in/mm)	44/1118	58/1473	
	G790, G802(2)	Weight (Lbs./KG)	947/429	1164/527	
1600274216A	8' Edge 48kW 120/240 Inverter Bay - Red	Rating (Kw)	48kW / 60kV	4	
	A power bus equipped with: 10 - Rectifier positions 4 - Vertical Battery positions 20 - Horizontal Battery positions 1 - 60kVA Inverter System Pulsar Edge Controller Vertical Ground Bus Front to Rear cable raceway 2 - 10Ft AC cable with CS8164 locking plugs EDGECAB G002L, G205, G301, G317, G400(4), G421(2), G500, G700(20), G802, G900	Input Voltage (Vac)	380 - 480Vac	@ 50/60Hz	
		Output Configuration	120/240V Bulk Split Phase		
		Battery Positions	24 Total		
			Installed	Shipping	
		Height (in/mm)	97.8/2483	104.8/2662	
		Width (in/mm)	29.8/756	44/1118	
		Depth (in/mm)	44/1118	58/1473	
		Weight (Lbs./KG)	1005/456	1222/554	
1600274217A	8' Edge 48kW 120/240 Inverter Bay - Blue	Rating (Kw)	48kW / 60kVA		
	B power bus equipped with:	Input Voltage (Vac)	380 - 480Vac @ 50/60Hz		
	4 - Vertical Battery positions	Output Configuration	120/240V Bulk Split Phase		
	20 - Horizontal Battery positions 1 - 60kVA Inverter System	Battery Positions	24 Total	24 Total	
	Pulsar Edge Controller		Installed	Shipping	
	Front to Rear cable raceway	Height (in/mm)	97.8/2483	104.8/2662	
	2 - 10Ft AC cable with CS8164 locking plugs	Width (in/mm)	29.8/756	44/1118	
	EDGECAB G002L, G205, G301, G317, G400(4), G421(2),	Depth (in/mm)	44/1118	58/1473	
	G500, G700(20), G802, G900	Weight (Lbs./KG)	1005/456	1222/554	



Step 1b: Specialty Edge Enclosure Selection (cont.)

Comcode	Description	Feature	Value		
1600321369A	8' A & B Edge Battery Distribution Circuit Breaker Board Bay is equipped with 2 sticks with the following:	Rating (Kw)	60kW N+N	60kW N+N	
		Input Voltage (Vac)	380 - 480Vac	380 - 480Vac @ 50/60Hz	
4 - Vertical Battery positions (8 Total) 10 - Horizontal Battery positions (20 Total) 6 - PDU output positions	Output Configuration	А&В			
	6 - PDU output positions	Battery Positions	28 Total		
	2 - Battery PDU's Pulsar Edge Controller Vertical Ground Bus		Installed	Shipping	
		Height (in/mm)	97.8/2483	104.8/2662	
EDGECAB G002, G204, G205, G303-2, G421, G422, G502 -2, G712(10), G790, G802(2)	Width (in/mm)	29.8/756	44/1118		
	EDGECAB G002, G204, G205, G303-2, G421, G422, G502	Depth (in/mm)	44/1118	58/1473	
	-2, G712(10), G790, G802(2)	Weight (Lbs./KG)	1225/555	1442/654	

Step 2: Pluggable Power Modules



Rectifier Modules

GP100 rectifiers for the Edge Distributed Architecture are installed in the left or right stick in the frame. They are designed and qualified to operate 40°C to +55°C with extended operation to +70°C. The rectifiers are programmable from 42 - 58V in order float and charge all battery technologies utilized by the Edge Distributed Architecture.

Comcode	Description	Feature	Value		Picture
1600092584A	GP100H3R48TEZEC	Power Rating	6kW	110A @ 54V	
	High Line Rectifier	Input Voltage	380 - 480Vac @ 50/60Hz		
		Input Current	10A - 8A		
		Heat Release	217 Watts	740 BTU/hr.	
			Installed	Shipping	
		Weight (Lbs./KG)	8.95/4.1	9.85/4.5	

Inverter Modules

The below inverter modules are to be used in the specialty Edge Inverter Bays in step 1a. For single phase units, order as many individual units as necessary to support the load. For split phase systems inverters modules must be used in pairs.

Comcode	Description	Feature	Value		Picture
450041032	INV BRAVO MOD 2.5KVA	Power Rating	2000W	2500kVA	
48VDC 120 Single phas	48VDC 120VAC	Input Voltage	40 - 60Vdc		
		Input Current	56A @ 40Vdc		
		Overload	150% (15 Sec.)		
		Heat Release	182 Watts	621 BTU/hr.	
			Installed	Shipping	
		Weight (Lbs./KG)	9.46/4.3	10.4/4.7]

Step 2: Pluggable Power Modules (cont.)



Battery Modules

BME2500 batteries for the Edge Distributed Architecture are installed in the left or right stick or in horizontal shelves in the center in the frame.

Comcode	Description	Feature	Value		Picture	
1600283228A	BME2500/120VRLA48	Float Voltage	54.5Vdc		(m ²)	
	BATTERY Valve Regulated Lead Acid	1 Min (ECV 38.4)	3810W	1.6Ah		
		2 Min	3177W	2.8Ah		
		5 Min	1863W	4Ah		
		10 Min	1167W	5.1Ah	eso a	
		15 Min	815W	5.3Ah		
		Operating Temp.	0 to +40°C			
		Heat Release	11 Watts	37.5 BTU/hr.		
			Installed	Shipping		
		Weight (Lbs./KG)	42.9/19.5	47.4/21.5		
1600283230A	BME2500/480NIMH48	Float Voltage	56.0Vdc		and the second sec	
	BATTERY Nickel Metal Hydride	1 Min (ECV 38.0)	6000W	2.6Ah		
		2 Min	5900W	5.2Ah		
		5 Min	4800W	10.5Ah		
		10 Min	2850W	12.5Ah	20 10	
		15 Min	1870W	12.3Ah		
		Operating Temp.	perating Temp. +15 to +35°C			
		Heat Release	11 Watts	37.5 BTU/hr.		
			Installed	Shipping		
		Weight (Lbs./KG)	58/26.3	63/32.3		
1600283229A	BME2500/60NA+48 BATTERY	Float Voltage	58.0Vdc		6 ⁹ 7	
	Sodium Ion / Prussian Blue	1 Min (ECV 38.4)	5400W	1.7Ah		
		2 Min	3850W	2.8Ah		
		5 Min	1940W	4.1Ah		
		10 Min	1300W	5.1Ah	20	
		15 Min	740W	5.4Ah		
		Operating Temp.	0 to +45°C			
		Heat Release	11 Watts	37.5 BTU/hr.		
			Installed	Shipping		
		Weight (Lbs./KG)	41.9/19	46.9/25		

Step 3: Distribution Components



Distribution Modules

Distribution modules are designed to connect directly to the distribution bus via pin and socket pluggable connections on the single pole breaker panels or two-hole lugs on the multi-pole breaker panel. See connectors and cables for interfacing options on the single pole breaker panel.

Comcode	Description	Feature	Value		Picture	
1600276419A	10 Position Distribution for A	Panel Rating	400A			
	Bus Only (RED - G400)	Position Rating	100A			
1600274226A	10 Position Distribution for B	Total Positions	10			
	Bus Only (BLUE - G402)	Connection Type	Pluggable Pin and Sleeve			
1600213820A	10 Position Distribution for A		Installed	Shipping		
	& B Buses (RED & BLUE - G401)	Weight (Lbs./KG)	8.15/3.7	9/4.1		
1600250697A	2 Position Distribution for A Bus Only (RED - G410)	Panel Rating	400A			
		Position Rating	300A (up to 3 Pole breaker)			
1600361457A	2 Position Distribution for A	Total Positions	2			
	Bus Only (BLUE- G412)	Connection Type	1/4-20 on 5/8"			
1600250698A	2 Position Distribution for A &		Installed	Shipping	~	
	B Buses (RED & BLUE - G411)	Weight (Lbs./KG)				



Step 3: Distribution Components (cont.)

Bullet Style Load Circuit Breakers

Edge Distributed Power Architecture distribution panels all support plug-in (bullet style) breakers modules. Larger breakers can be 2 or even 3 poles. The multi-pole breakers can only be used in G410, G411, & G412.

Ordering Code	Amperage	CB Positions	Min Wire Gauge	Picture
407998137	3	1	10	
407998145	5	1	10	
407998152	10	1	10	
407998160	15	1	10	
407998178	16	1	10	
407998186	20	1	10	
407998194	25	1	10	
407998202	30	1	10	
408213486	40	1	10	
407998210	45	1	8	
407998228	50	1	8	0
407998236	60	1	6	
407998244	70	1	6	
407998251	80	1	4	
407998269	90	1	4	
407998277	100	1	2	
CC848808551	100	2	2	
408185353	125	2	2	
408185346	150	2	1	
408564941	200	3	3/0	
CC408573975	225	3	3/0	19. · · ·
408535752	250	3	4/0	
450046922	300	3	4/0	

Step 3: Distribution Components (cont.)



Ordering Code	Туре	Color	Wire Gauge	Photo
1600264825A	Connector Kit	Blue	10	
1600264826A	Connector Kit	Red	10	
1600272823A	Connector Kit	Blue	8	
1600272824A	Connector Kit	Red	8	
1600264827A	Connector Kit	Blue	6	
1600264828A	Connector Kit	Red	6	
1600272825A	Connector Kit	Blue	4	
1600272826A	Connector Kit	Red	4	
1600264829A	Connector Kit	Blue	2	
1600264830A	Connector Kit	Red	2	
1600301872A	CRIMP AND DIE TOOL SET W/O CUTTER; Includes: 5 dies 10 - 2 AWG, charger, and two batteries			
1600301871A	CRIMP AND DIE TC 5 dies 10 - 2 AWG,	OOL SET WITH CUTT charger, and two ba	ER; Includes: atteries	

Keyed Connector Kits and Crimping Tools

Cable Kits with Keyed Connectors

Pre-made cables below utilize the same keyed connector kits in the previous section. Each comes with color matched cables in wire length shown on the positive and negative cables intended to be cut to length in the field.

Ordering Code	Туре	Color	Wire Gauge	Length in Feet	Cable Description
8600277710PL1	Keyed Cable Kit	Red, Red w/Tracer	2	6'	Note: a. (1) Solid Red or Blue
8600277710PL2	Keyed Cable Kit	Blue, Blue w/Tracer	2	6'	ExtraFlex cable with end
8600277710PL3	Keyed Cable Kit	Red, Red w/Tracer	4	6'	connections on unit side as
8600277710PL4	Keyed Cable Kit	Blue, Blue w/Tracer	4	6'	shown above.
8600277710PL5	Keyed Cable Kit	Red, Red w/Tracer	6	6'	Noto b (1) Solid Rod or Plug
8600277710PL6	Keyed Cable Kit	Blue, Blue w/Tracer	6	6'	Fixtra Flax cable with white
8600277710PL7	Keyed Cable Kit	Red, Red w/ Tracer	8	6'	rupper stripe. Includes the same
8600277710PL8	Keyed Cable Kit	Blue, Blue w/ Tracer	8	6'	size and style on unit side as
8600277710PL9	Keyed Cable Kit	Red, Red w/ Tracer	10	6'	shown above
8600277710PL10	Keyed Cable Kit	Blue, Blue w/ Tracer	10	6'	Shown above.
8600277710PL11	Keyed Cable Kit	Red, Red w/ Tracer	6	10'	Note: c. Blunt cut field wired
8600277710PL12	Keyed Cable Kit	Blue, Blue w/ Tracer	6	10'	ends.

Step 4: Additional Reserve Capacity



Supplemental Battery Trays and Panels

Additional battery modules can be added into the equipment area of the Edge frame. Additional horizontally mounted shelves are purchased as either single bus or dual bus configurations and come equipped with cables to connect to the battery distribution panels. Battery distribution panels are used as the interface from the battery trays to the Edge bus.

Comcode	Description	Feature	Value		Picture	
1600274230A	A Battery Shelf (RED - G710)	Mounting	Adjustable rails			
		Battery Type	VRLA, NiMH, NA+		6	
1600274231A	B Battery Shelf (RED - G711)		Installed	Shipping		
		Weight (Lbs./KG)	8.2/3.7	9.5/4.3		
1600274232A	I600274232A A & B Battery Shelves (RED &		Installed	Shipping		
	BLUE - G712)	Weight (Lbs./KG)	16.5/7.4	19/8.6		
1600274228A 10 Position Battery Panel for A		Panel Rating	400A			
	Bus Only (RED - G421)	Position Rating	300A			
1600274229A	10 Position Battery Panel for B	Total Positions	10			
	Bus Only (BLUE - G422)	Connection Type	Pluggable Pin & Sleeve			
1600274227A	10 Position Battery Panel for A		Installed	Shipping		
	& B Buses (RED & BLUE - G420)	Weight (Lbs./KG)	8.15/3.7	9/4.1		



Step 5: Accessories and Adapters

Enclosure Add-ons

Ordering Code	Description	Picture	
1600299945A	Lockable side panel kit for 8' enclosures (G002). Includes 2 panels for one side of the cabinet.		
1600297779A	Lockable side panel kit for 7' enclosures (G001). Includes 2 panels for one side of the cabinet.	a	
1600264823A	Lockable door for 8' enclosures (G002) Includes door and mounting hardware		
1600297777A	Lockable door for 8' enclosures (G001) Includes door and mounting hardware		
1600305789A	Isolation pad, 3.5" x 6"x 1/16" for Edge enclosures. Includes mounting bushings. Mounting hardware sold separately.		
1600305805A	Shim Kit for Edge enclosures. Includes the following: 2 - 1/2", 1 - 1/4", 1 - 1/8", and 1 - 1/16" shim		

Additional Support Materials

Ordering Code	Description	Picture
8600279070P	Ramp for off-loading enclosures off of shipping pallet. The ramp is 80" long to allow lifting equipment free removal of the enclosure off of the shipping pallet.	

Equipment Specific Modifications

The following modification kits were created to support specific equipment that was not designed to fit in a 19" frame. These kits are installed as a replacement to the right side rail of the Edge enclosure.

Ordering Code	Description		
1600301440A	Nokia 7950XRS mounting kit. Supports the installation of one 7950XRS in an 8' cabinet (not 7' compatible). Includes offset rails, mounting hardware, 80A circuit breakers and 48 cables kits to support DC installation		
1600301441A	Cisco side air flow kit. Supports the installation of Cisco servers that require side air flow. Includes rails with air dams, chassis support and mounting hardware		

Step 5: Accessories and Adapters (cont.)

In Bay Inverter Solutions

The following inverter kits are purchased separately for addition to any Edge enclosure for

Ordering Code	Description	Picture
1600294637A	Edge 8kW A & B input 240VAC inverter. Equipped with two 200A DC feeds (requires G411 distribution unit 1600250698A) and two L630 output receptacles fed from 30A breakers. Inverter modules can be found in Section 2: Pluggable Power Modules	



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