

LOYALTY OFFER | ENERGY INDUSTRIES CANADA

Care Contract Loyalty Offer

Protect your lifecycle investment

Reliable operation of your ABB DCS depends on proper maintenance of the system that powers it. Failed power systems will place your operation at risk.

Modular Power System (MPS)

ABB's Symphony power systems use the highest quality components to provide the highest quality power and longest lifecycles. Even though these high-quality components are used, primary factors that can limit a power supply's lifecycle include average operating temperature (ambient), quality of input power, cooling fan operation and quality of ambient air (humidity, corrosivity, pollution). Electrolytic capacitors are especially affected by these issues which can cause unseen component deterioration. Power system upgrades are recommended on a maximum of a ten-year basis or as components reach end of lifecycle.

Highlighting ABB's commitment to evolution, ABB is pleased to offer the Modular Power System IV (MPS IV) as an upgrade solution for Harmony Rack Process Control Units. This offer provides attractive pricing to customers who have power systems approaching, or that have reached, their end-of-life status or for those who are considering upgrades.

Modular Power System IV (MPS IV)

ABB's MPS IV is a direct upgrade for MPS I, MPS II, and MPS III systems used in Harmony Rack, INFI 90® OPEN and Symphony Plus HR Series systems, in their entireties. MPS I and MPS II power systems have been in Obsolete lifecycle status since January 2022. MPS III power systems have been in Limited lifecycle status since the beginning of 2024. MPS IV power systems use the same cabinet space, or less, as MPS I, MPS II, and MPS III power systems.

Released in 2017, MPS IV power systems are recommended for customers to upgrade from MPS I, MPS II and MPS III. +5Vdc and +/- 15Vdc power supplies will change to Classic life cycle phase in 2026. Power system upgrades require a cabinet power shutdown.

Features of MPS IV:

- Provides +5 Vdc, +15 Vdc, -15 Vdc, 24 Vdc, as well as 48 Vdc and 125 Vdc operating voltages for communications, controllers, I/O modules, and field devices.
- Designed to operate with 2N power redundancy with advanced monitoring and bumpless switchover.
- Flexible, compact design for custom installations.
- Scalable with individual power modules for required voltage levels.
- Monitoring functions with optional latching PFI.
- Input power options for 110 / 240 VAC or 110 / 220 Vdc input power with no switches or jumpers to set.



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Typical MPSIV Power System upgrades would include the following components (2025-MPSIV-01):

Article Number	Quantity	Description
2VAA008280R001	2	SPS03-5V Power Supply, 5Vdc, 60A
2VAA008281R001	2	SPS03-15V Power Supply, +15Vdc@3A / -15Vdc@3A
2VAA008278R001	4	SPS01 Power Supply, 24Vdc, 10A
2VAA008282R101	1	BP01-L Left Base to support two SPS01 or SPS02
2VAA008282R301	1	BP01-R Right Base to support two SPS01 or SPS02
2VAA008283R101	1	BP03 Base to support two SPS03-5V and two SPS03-15V
2VAA008284R101	1	BP-K01-AA Base Plate for AC/AC input power

48 Vdc Output Power Requirements will need the following added:

Article Number	Quantity	Description
2VAA008279R001	2	SPS02 Power Supply, 48Vdc, 5A
2VAA008282R101	1	BP01-M Middle Base to support two SPS02

125 Vdc Output Power Requirements will need the following added:

Article Number	Quantity	Description
8VZZ001720Z0001	2	SPS04 Power Supply, 125Vdc, 2.3A
2VAA008283R101	1	BP04 Base to support two SPS04

MPS IV Pricing

Catalog Number	Description	List Price (CAD)	Loyalty Offer Price ² (CAD)
2025-MPSIV-01 ¹	Typical MPSIV Power System	\$ 49,150	\$ 32,500
2025-MPSIV-01-PRD ¹	Typical MPSIV Power System with Parts Returned Discount ³	\$ 49,150	\$ 29,700
SPS02	Power Supply Module, 48VDC @ 5A	\$ 2,637	\$ 1,846
SPS04	Power Supply Module, 125VDC @ 2.3A	\$ 10,373	\$ 7,261
BP01-M	Middle Base Supports two SPS01 or SPS02	\$ 754	\$ 528
BP04	BP04 Base to support two SPS04	\$ 4,584	\$ 3,209
Services ⁴	Service for Installation/Commissioning or Drawing updates	Please contact ABB	Please contact ABB

Notes:

- 2025-MPSIV-01 and 2025-MPSIV-01-PRD kits do not include DC Bus Bar, IEMMU21 / IEMMU22's or PHARPSFAN03000 which may be reused unless required or recommended to add or change. Pricing will be provided separately where applicable.
- Discount is applicable to customers with an active and valid ABB Care Agreement or customers that will join ABB Care at the same time of, or prior to, equipment purchase.
- Product Return Discount (PRD) - ABB will accept purchase orders based on the "PRD Price" provided that critical replaced equipment is returned to ABB within 90 days of upgrade completion, or no more than 120 days from delivery of components to customer. ABB will notify the customer of the specific items to be returned based on power systems removed. If parts are not returned the customer will be invoiced the difference between the applicable Sell Prices and the PRD Prices. Shipping is the responsibility of the customer.
- Field labor is not included. Upon request, ABB can provide pricing for installation services. Updating existing cabinet arrangements or drawings is not included. Upon request, ABB can provide services and pricing to update drawings.

Offer valid until November 30, 2025 in Canada only.

Confidentiality:

- The information contained in this proposal is proprietary to ABB Inc. and may not be disclosed to any third party or company without the written consent of ABB Inc.