

Enpower IQ System Controller 2 by Enphase Energy



Price: CAD \$3,699.00

SKU: ENIQCONTROLLER-2

Product Categories: [Disconnects](#), [Batteries](#), [Grid-Tie](#), [Inverter Installation](#), [Micro Inverters](#), [Rapid Shutdown](#), [Residential ESS Units](#), [Shop](#), [Transfer Switches](#), [Wiring & BOS](#), [Wiring Panels](#)

Product Tags: [backup](#), [battery](#), [canada](#), [enphase](#), [enphase enpower](#), [enphase enpower canada](#), [enphase ensemble](#), [enphase smart switch canada](#), [enpower canada](#), [ensemble](#), [grid isolation](#), [iq controller](#), [iq system controller](#), [micro grid](#), [smart switch](#), [system controller](#), [system controller 2](#)

Product Page:

<https://www.modernoutpost.com/product/enpower-iq-system-controller-2-by-enphase-energy/>

Product Summary

The Enphase IQ System Controller 2 is used in the Enphase Energy System to streamline installations by providing grid isolation and locations to connect Enphase IQ Batteries, the IQ Combiner, and in the case of the System Controller 2, adding a generator, as needed.

Product Description

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The IQ System Controller includes a neutral-forming transformer, Microgrid Interconnect Device (MID), and an Eaton BR series busbar assembly that can support up to a 200A main breaker and is rated to 120/240 VAC. Circuit breakers are not included and need to be sourced and installed, configured to your specific installation.

Enphase System Controller Smart Switch

Reliable

- Durable NEMA type 3R enclosure
- Ten-year limited warranty

Smart

- Controls safe connectivity to the grid
- Automatically detects grid outages
- Provides seamless transition to backup

Simple

- Connects to the load or service equipment¹ side of the main load panel
- Centered mounting brackets support single stud mounting
- Supports conduit entry from the bottom, bottom left side, and bottom right side
- Supports whole home and partial home backup and subpanel backup
- Up to 200A main breaker support
- Includes neutral-forming transformer for split phase 120/240V backup operation

The recommended installation handles are also available separately.

Features of the IQ System Controller

- Controls safe connectivity to the grid - Automatically detects grid outages - Provides seamless transition to backup - Connects to the load or service equipment side of the main load panel - Centered mounting brackets support single stud mounting - Supports conduit entry from the bottom, bottom left side, and bottom right side - Supports whole home and partial home backup and subpanel backup - Includes neutral-forming transformer for split phase 120/240V backup operation - 10-year limited warranty

Additional features of the IQ System Controller 2

- Seamless integration with compatible AC home stand by generators - Compatible with IQ8-Series Microinverters as well as previous generation of microinverters including IQ7-Series, M215, M250 and S series, making it simple for home owners to upgrade their systems - When paired with a dedicated IQ Load Controller, homeowners have the ability to prioritize and direct power to critical loads in the event of a grid outage.

Documentation Downloads

[Data Sheet](#)] [Quick Install Guide](#)] [RSD Wiring Note](#)]

Product Attributes

- Dimensions: 2 × 2 × 2 cm
- Weight: 40 kg

Product Gallery



