

Heat mitigating sidecar solution

PDU sidecar upgrades

Is distribution density becoming an issue with your existing equipment?

Release your transformer's full potential by adding a sidecar upgrade. Eaton has PDI pre-engineered sidecars equipped with panelboards, subfeed breakers or a mixture of both.

Heat mitigating sidecar solution

Heat mitigating sidecars aid in the dissipation of transformer heat between the main PDU cabinet and its corresponding sidecar(s) by using a Lexan barrier, 100% rated breakers and exterior panels with enhanced ventilation design.

Features and benefits

- 100% rated breakers
- Lexan barrier and enhanced ventilation
- Factory engineered solution
- Adds additional capacity for existing PDUs

Value

- Reduced sidecar heat by -22°F
- Field installation labor reduced by 2 hours
- Increased airflow by compartmentalization

Options

- 250A and 400A options
- Branch circuit monitoring
- Panelboard or subfeed breaker solutions
- 4 (42) circuit panelboards or 8 subfeed breakers
- OEM and third party solutions

- Full upgrade includes: 21-inch front and side facing sidecar, 6-inch rear spacer, PDU cabinet top hat and new ventilated side panels. Customized and partial solutions are available.



Powering Business Worldwide

A tailored solution

Whether you have an existing sidecar or looking for additional output for your current PDU, Eaton can tailor a solution to maximize your power density and minimize footprint and down time.



Test results

Before upgrade:

Ambient air temperature = 26°C (78,8°F)

Maximum temperature zone readings:

Upper sidecar cabinet = 58°C (136.4°F)

Upper transformer cabinet: = 68°C (154.4°F)

After upgrade:

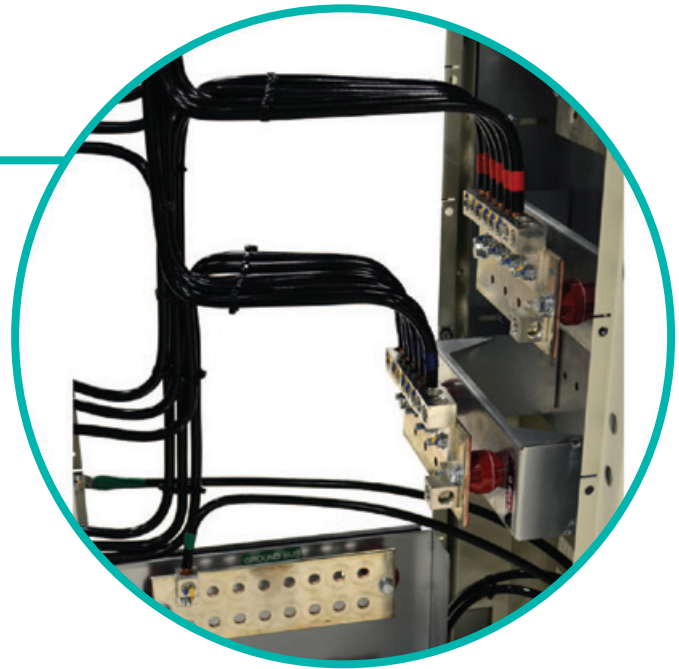
Ambient air temperature = 26.6°C (79,9°F)

Maximum temperature zone readings:

Upper sidecar cabinet = 45.5°C (113.9°F)

Upper transformer cabinet: = 66.1°C (151°F)

Sidecar cabinet = 22.5°F



***Factory engineered solution reduces field installation by 2 hours**

About Eaton and PDI

With the acquisition of Power Distribution, Inc., Eaton has significantly enhanced its ability to design, manufacture and service mission-critical power distribution, static switching and power monitoring equipment for data center, alternative energy, industrial and commercial customers around the world.

For more information, please visit:
[Eaton.com/powerpakpdu](https://www.eaton.com/powerpakpdu)

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

© 2021 Eaton
All Rights Reserved
Printed in USA
Publication No. BR155048EN / GG
March 2021

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Follow us on social media to get the latest product and support information.

