Eaton BladeUPS PDU with Maintenance Bypass

BladeUPS PDU with Maintenance Bypass installed next to BladeUPS rack.

Features

- **TP-1, K1-Rated input transformer**
  Energy-star efficiency, 480-208/120V, along with integral voltage transformation, electrical isolation and high efficiency
- **Integrated power distribution**
  Two 42-pole Cutler-Hammer® panelboards allow easy installation of additional breakers in the field and streamlined power cabling with no additional footprint
- **Integrated maintenance bypass**
  Maintenance bypass breaker, rectifier input breaker and UPS output breaker—all rated for 225A—for high availability even as the UPS is serviced
- **Free-standing, easy-access design**
  Aesthetics that complement other modern data center equipment while providing ease of installation and use for flexible access and deployment options

The Eaton® BladeUPS® PDU with Maintenance Bypass is an integrated power distribution and maintenance bypass cabinet designed to allow the transfer of power to full system bypass to perform service, testing and maintenance without interrupting power to the critical load. The energy efficient TP-1 rated transformer (480-208/120V) provides electrical isolation while the two 42-pole Cutler-Hammer panelboards provide distribution. The cabinet comes complete with a maintenance bypass breaker (MBB), rectifier input breaker (RIB), a UPS output breaker (UOB) and a system input breaker (SIB).

As with the rest of our Data Center Solutions products, Eaton has considered the aesthetics of the modern data center, ease of installation and serviceability with this design.

The BladeUPS PDU is intended to be the perfect complement to a BladeUPS 208-208V 60 kVA parallel system. This sturdy cabinet is the product of quality and solid construction including a 12-gauge steel frame. Top, bottom, and side cable entry and exit are all available as a standard feature. The two Cutler-Hammer 42-pole panelboards allow easy installation of additional breakers in the field. This cabinet provides a wide array of functionality while still maintaining a small footprint.

Every BladeUPS PDU with Maintenance Bypass goes through extensive factory testing to ensure that each meets Eaton's strict quality standards. All key components are Cutler-Hammer manufactured.

Powering Business Worldwide

Full panel of the BladeUPS PDU from Eaton.

Technical specifications

BladeUPS PDU with Maintenance Bypass

System characteristics

kVA rating	60 kVA
Fault current	35 kAIC @ 480V 50 kAIC @ 240V
Nominal current	225A

Transformer characteristics

TP-1 efficiency rated
K factor: K1
Aluminum windings
Electrostatic shielding
150°C temperature rise

Input ratings

Voltage	480V: Three-phase, three-wire plus ground
Frequency	60 Hz

Output ratings

Voltage	208V/120V: Three-phase, four-wire plus ground
Frequency	60 Hz

Distribution

(2) Cutler-Hammer 42-pole 225A panelboards
Silver plated bussing
225A Cutler-Hammer Series C molded case breakers for UOB, RIB and MBB
125A Cutler-Hammer Series C molded case breakers for SIB

Safety standards

ETL certified to UL 1778 standard
CSA C22.2 no. 107.1

Physical characteristics

80"H x 30"W x 36"D
Weight: 1200 lb

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