

## Eaton xModular Micro DC: For an edge infrastructure under control

Eaton xModular Micro DC is an edge engineered compact data centre - ready-to-use, integrating advanced power management, right sized cooling, airflow management, security, fire detection & suppression, wiring and intelligent monitoring systems in one specific purpose designed enclosure.

### Main features

- Pre-manufactured and pre-tested prior to delivery for deployment to client site, minimizing local activities and ensuring quality and performance
- Complete power quality solution with Eaton UPS and batteries, paired with an Eaton gigabit network card—the first in the industry to comply with the UL and IEC cybersecurity standards
- Maximize uptime with Eaton IPM management system as the control for the solution providing unified management and advanced smart power distribution with monitored, metered and switched power distribution units as well as EMS (Environmental Monitoring System). IPM provides a solution that is easy to use and maintains business continuity
- Eaton rPDUs provide real-time power metering and configuration of individual outlets
- Cooling unit up to 6,5 kW (in-rack) or 12 kW (side cooling, only for 42U) features latest inverter technology, meaning that the power consumption adapts to the actual costs incurred by heat load (PUE minimization). Its close loop system avoids any air leakage between internal air and room air
- Protection grade: up to IP55

### Main features

#### 24U 1,6 kW xModular Micro DC



- IT rack 24U 800x1000, front glass door, rear sheet steel door, front and rear 19" rails
- 1U chassis, detection and extinguishing fire system
- Sliding rails, depth-variable, depth 600-825 mm - load 80 kg (2)
- Roof cooling unit, Blue e+ 1,6 kW
- Access sensors
- Temperature sensor for cooling unit
- EPDU MI 0U (309 16A 1P)20XC13: 4XC19 (2)
- UPS Eaton 5PX 1500i RT2U netpack

#### 42U 3 / 6,5 kW xModular Micro DC



- IT rack 42U 800x1200, 19" mounting angles (front and rear), front glass single door, rear solid double door, roof with cable entries
- 1U chassis, detection and extinguishing fire system
- Temperature / HR sensor CMC III
- IR access sensor
- EPDU MI 0U (309 16A 1P)20XC13: 4XC19 (3 kW option) (2)
- EPDU MI 0U (309 32A 1P)20XC13: 4XC19 (6 kW option) (2)
- UPS Eaton 9PX 3000i RT2U netpack (3 kW option)
- Eaton 9PX 8000i RT6U HotSwap netpack (6 kW option)
- Liquid Cooling unit (LCU), DX mode, cooling capacity (3 kW or 6,5 kW), with internal unit (heat exchanger with evaporator) and 1 remote condenser

#### 42U 12 kW xModular Micro DC



- IT 42U 800x1200, 19" mounting angles (front and rear), front glass single door, rear solid double door, roof with cable entries
- 1U chassis, detection and extinguishing fire system
- Temperature / HR sensor
- IR access sensor CMC III
- Cooling unit LCP DX 12 kW, rack, d = 1200 mm, w = 300 mm
- Condenser LCP DX 12 KW
- SNMP card
- EPDU MI 0U (309 16A 3P)36XC13: 6XC19 (2)
- UPS Eaton 9PX 11000i 3:1 RT6U HotSwap netpack
- Eaton 9PX EBM 240V battery rack module



Powering Business Worldwide

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