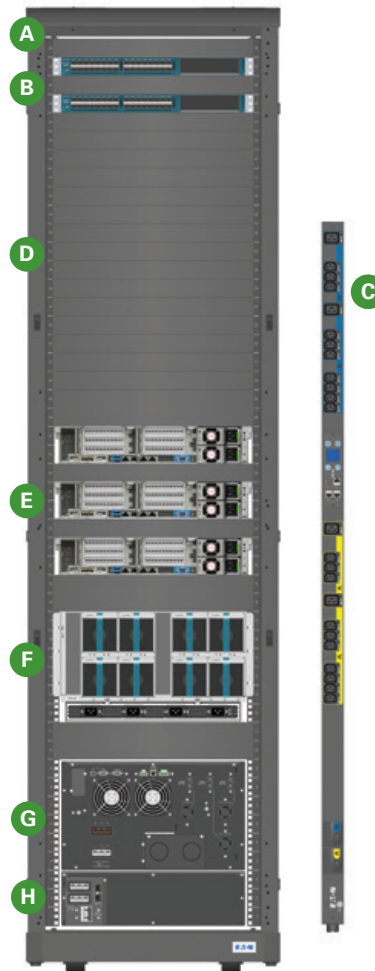


# Compute-intensive hybrid cluster

- A** Eaton 42U enclosure
- B** Cisco UCS 6248UP 48-port fabric interconnect
- C** Eaton managed ePDU G3
- D** Eaton blanking panels
- E** Cisco HX 240c M4
- F** Cisco UCS B200 M4 Blade-Series servers
- G** Eaton 9PX, 7200 Watt, 6U UPS
- H** Eaton external battery module for 9PX UPS, 3U



Rear view

## Eaton power Cisco HyperFlex Systems

Cisco expanded the boundaries of hyperconverged infrastructures by unifying the three traditional silos of compute, storage and network into one tightly integrated platform based on UCS. HyperFlex Systems provide centralized management, simplicity and easy scaling with the right mix of capacity and performance to deliver enterprise-grade data management and optimization. Power and power management are critical in making this a reality. Eaton's intelligent, integrated and scalable solutions are designed to organize, protect and manage HyperFlex Systems to help mitigate risk and drive business continuity.

## EATON SOLUTIONS FOR CISCO HYPERFLEX SYSTEM COMPUTE-INTENSIVE CLUSTER

### Cisco solutions

| Layer                         | Component  | Qty | Power connections   | Typical power (watts) | Total typical power (watts) |
|-------------------------------|--|-----|---|-----------------------|-----------------------------|
| Fabric interconnect           | UCS 6248UP   | 2   | (2) C14   | 380                   | 760                         |
| Hyperconverged infrastructure | HX240c M4  | 3   | (2) C14   | 572                   | 1053                        |
|                               | UCS5108 blade server chassis                         | 1   | (2) C19   | 2915                  | 2915                        |
|                               | UCS B200 M4 blade servers                            | 2   | n/a   |                       |                             |
|                               |  |     |   | <b>Total Power</b>    | <b>5391</b>                 |
| Software                      | UCS Manager 2.2 and integrated management controller |     | Connection to UCS management for automated configuration through a single interface |                       |                             |
| Software                      | HyperFlex DX data platform                           |     | 1- or 3-year software subscription  |                       |                             |
| Software                      | VMware vSphere ESXi 6.0                              |     | Preinstalled; ESXi 5.5 supported but not preinstalled                               |                       |                             |

### Eaton solutions

| Layer                | Component                              | Qty | Details  |
|----------------------|--|-----|--|
| Enclosure            | ETN-ENC422442SB                        | 1   | 42U rack, 24 inches wide and 42 inches deep  |
| Cable management     | ETN-PBP1U10                            | 4   | 10-pack 1U blanking panels   |
| Cable management     | ETN-STLDRING                           | 2   | Cable D-ring kit   |
| Cable management     | ETN-CMVCKL                             | 2   | Velcro buckle straps   |
| Power distribution   | EMA107-10                              | 2   | Managed rack power distribution for outlet-level consumption monitoring, outlet switching and remote site management, 200-240V, L6-30P input plug, (20) C13 and (4) C19 output receptacles |
| Power protection     | 9PX8K UPS with Network Management Card | 1   | 7200W UPS, 208V, terminal block with (3) L6-30R and hardwired terminal block output connections; 6U; includes network management card; provides 9 minutes of battery runtime               |
| Power protection     | 9PXEBM240RT                            | 1   | External battery module extends runtime to 23 minutes  |
| Environmental sensor | 116750224-001                          | 1   | Environmental monitoring probe monitors humidity and temperature   |
| Power management     | 66926                                  | 1   | IPM version 1.53 gold license  |

For more information visit:  
[Eaton.com/Cisco](http://Eaton.com/Cisco)

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