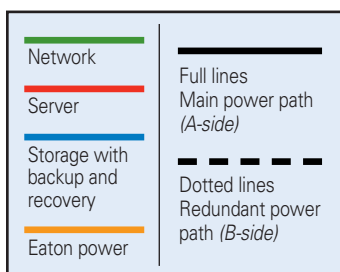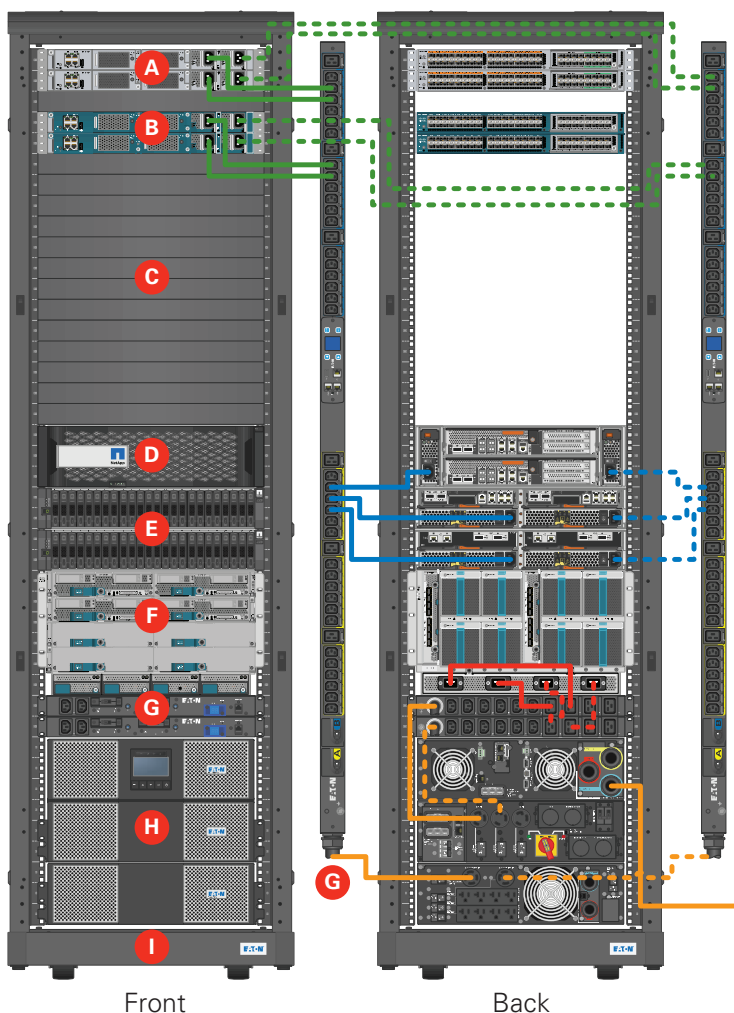# FlexPod Small – 110 Virtual Machines

A Cisco Nexus 5548UP Switches

B Cisco UCS 6248UP Fabric Interconnect

C Eaton® Blanking Panels

D NetApp FAS8020A Storage

E DS2246 600GB Expansion Shelves

F Cisco UCS Blade Chassis with B200 M3 Server Blades

G Eaton Metered ePDU

H Eaton 9PX 11 kVA UPS

I Eaton S-Series Enclosure

Front

Back

Network	
Server	**Full lines** Main power path *(A-side)*
Storage with backup and recovery	**Dotted lines** Redundant power path *(B-side)*
Eaton power	

Eaton, NetApp, and Cisco have joined forces to provide you the ultimate converged infrastructure solution. NetApp's performance driven storage offering in combination with Cisco's advanced compute and networking and Eaton's class leading power management portfolio, provide the premier integrated solution required to manage mission critical environments. Eaton's Intelligent Power® Manager software integration with NetApp ONTAP and the Cisco UCS platform provide supervision, lengthen runtime during extended outages, and even provide shutdown capability when required. In addition, Eaton's seamless integration into leading hypervisors, such as VMware vCenter™, allows IPM to initiate virtual machine migration and disaster recovery site failover in the event of an extended power outage to improve resiliency.

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NetApp

Alliance Partner

EATON PRE-CONFIGURED FLEXPOD CONVERGED INFRASTRUCTURE SOLUTIONS

Components	Quantity	Description	Power Draw (Watts)		Power Connection	U Space	
			Per Supply (Max)	Solution Total		Per Unit	Solution Total
110 Virtual Machines							
Network Switch	2	Cisco Nexus 5548UP	600	1200	C13/14	1	2
Fabric Interconnects	2	Cisco UCS 6248UP	600	1200	C13/14	1	2
Storage	1	NetApp FAS8020A	350	350	C13/14	3	3
	2	DS2246 600GB SAS shelf	250	500	C13/14	2	4
Compute	1	Cisco UCS 5108 Chassis w/ 2208 IO Modules	2500	5000	C19/20	6	6
	4	B200 M3 Server Blades	N/A	N/A	N/A	0	0
Hypervisor	-	VMware ESXi 5.0	N/A	N/A	N/A	0	0
			Total Power	**8250**		**Grand Total**	**17**

Eaton Components	Quantity	Description	Part Number	U Space	
Rack	1	S-Series Rack- 42U x 24 x 42	ETN-ENC422442SB		
Rack	2	Blanking Panels	ETN-PBP1U10		
Cable Mgmt	2	Cable D-Ring Kit	ETN-STLDRING		
Cable Mgmt	2	Velcro Buckle Straps	ETN-CMVBCKL		
ePDU	2	Metered 1U ePDU	PW105MI1U165	1	2
ePDU	2	Metered 0U ePDU	EMI104-10		
UPS	1	9PX 11kVA Network Ready UPS	9PX11KTF11	9	9
MBP	1	Maintenance Byass Module, Rear Mount	MBP11K208		
EMP	1	Environmental Monitoring Probe	116750224-001		
IPM	1	Intelligent Power Manager	Download@ Eaton.com/virtualization		
			Solution Total	**28**	

For more information visit:

Eaton.com/Flexpod

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