How to sell Rack PDU G4?

Eaton's new Rack PDU G4 boosts efficiency, security, density and flexibility to meet today's data center priorities

High security and business continuity are top of the agenda for all in the data center space, with an effective rack power distribution unit (Rack PDU) key to delivering both. A PDU that not only takes cybersecurity to new levels but brings big increases in network and power redundancy, server capacity, and operational flexibility – underpinned by reduced energy requirements. Nearshore manufacturing also means the G4 rack PDU offers the advantage of a shorter lead time. The new G4 PDU range provides 24 to 48 outlets per PDU in a low-profile chassis.

Customer Benefits

Flexibity
- With C39, reduced number of models cover more needs.
- Maximize available rack space with a wide range of high outlet density PDU.

Business continuity
- Reliable power connections prevent from accidental disconnections.
- Additional features like hot swap, power sharing, etc. ensure uninterrupted power supply and network availability

Cybersecurity
G4's NMC uses Secure Boot embedded firewall associated with UL2900 /IEC62443 certifications, the highest standard in the industry to avoid data loss and hacking.

Sustainability
From conception to end-use, this PDU has been designed as a green solution to meet business expectations, guidelines and requirements.

3 Year Warranty
Standard warranty for 3 years for all G4 PDU range

Markets
- Buildings
- Commercial office and mixed-use
- Healthcare & Education

Applications
- Data centers
- Distribution and Retail • Colocation
- Enterprise DC
- Edge Computing

Target audience
- IT channel small & medium reseller
- IT Architect & IT Manager
- End-user owner, Operations manager

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Easier product selection answering the maximum of need

According to the latest market trends, the new G4 PDU range provides up to 48 outlets per PDU in a low-profile chassis. Eaton offers extensive PDU configurations including 1-Phase, 3-Phases, and 16A, 32A, 63A to meet specific infrastructure needs.

Natural load balancing
The G4 design alternates phase and/or breaker per section on all PDUs, naturally balancing rack power load.

Phase 1   Phase 2   Phase 3

C39 combining C13 and C19 in a single outlet,
that securely connect both C14 and C20 power cords. Including visual Led power status.

The NMC features dual Gigabit Ethernet ports, providing secure multi-profile access in colocation environments and enabling seamless secure daisy-chaining up to 32 PDUs, resulting in savings on IT infrastructure

Dual Gb Ethernet +network cascading:

Technical specifications - Rack PDU G4 - Vertical units (0U)

	EMPDT1H1C2 Optional daisychain sensor			**Basic** Reliable power distribution with secure outlets		**Metered Input** Streamline rack-level power and load monitoring		**Switched** Power control at the outlet level alongside rack-level power monitoring		**Managed** Enable consumption monitoring and power control at the server level and PDU	
	Input Type / Rating (A)	**Outlet type and Qty**	**Nominal Power**	**Basic p/n**	**Dimensions L x W x D, mm**	**Metered Input p/n**	**Dimensions L x W x D, mm**	**Switched p/n**	**Dimensions L x W x D, mm**	**Managed Input p/n**	**Dimensions L x W x D, mm**
1 Phase	C20 16A	12xC13 : 12xC39 - 24	3.7kW	EVBAFC20A	1000x52x53*	EVMIFC20A	1000x52x53*	EVSWFC20A	1000x52x53*	EVMAFC20A	1000x52x53*
	IEC60309 16A	12xC13 : 12xC39 - 24	3.7kW	EVBAF116A	1000x52x53*	EVMIF116A	1000x52x53*	EVSWF116A	1000x52x53*	EVMAF116A	1000x52x53*
	IEC60309 32A	12xC13 : 12xC39 - 24	7.4kW	EVBAF132A	1000x52x53*	EVMIF132A	1730x52x53	EVSWF132A	1730x52x53	EVMAF132A	1730x52x53
		24xC13 : 18xC39 - 42	7.4kW	EVBAF132X	1730x52x53	EVMIF132X	1730x52x53			EVMAF132X	1730x52x53
	IEC60309 63A	24xC13 : 18xC39 - 42	14.5kW			EVMIF163X	1730x52x53			EVMAF163X	1730x52x53
3 Phases	IEC60309 16A	12xC13 : 12xC39 - 24	11kW			EVMIF316A	1000x52x53*	EVSWF316A	1000x52x53*	EVMAF316A	1000x52x53*
		24xC13 : 18xC39 - 42	11kW	EVBAF316X	1730x52x53	EVMIF316X	1730x52x53			EVMAF316X	1730x52x53
	IEC60309 32A	12xC13 : 12xC39 - 24	22kW			EVMIF332A	1730x52x53			EVMAF332A	1730x52x53
		24xC13 : 18xC39 - 42	22kW	EVBAF332X	1730x52x53	EVMIF332X	1730x52x53			EVMAF332X	1730x52x53
		24xC13 : 24xC39 - 48	22kW							EVMAF332C	1900x52x53

*35° angled design ensures optimal PDU input cable flexibility and space efficiency on a rack

Customized products – colored chassis, different cable lengths, etc – are available on request and for projects. Please liaise with your local Eaton sales representative

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