Metered Power Distribution Unit

Rack-level power distribution with advanced power metering and monitoring on a local display or from anywhere over the network

Traditionally, data center managers have been able to plan on having 60-100 watts of power per U of rack space. With today's blade servers, demand has escalated to 600-1000 watts per U and up. Power consumption can easily double or triple during peak periods, and it fluctuates with every move, add or change.

How much current are your servers drawing right now? Are electrical circuits approaching capacity, ready to trip a breaker if transaction processing rises or a new component is added? Would you be able to see trouble coming?

Dell™ Metered PDUs provide you with an effective way to tame the tangle of power cords, deliver the required power without taking up valuable rack space and have visibility into power draw at any time.

Onboard power metering

Dell Metered PDUs continuously measure and record power consumption. User-defined alarms warn of potential overloads, so you can take proactive action. On higher-density models, color-coded socket groups and circuit breakers make it easy to balance loads or determine what caused a breaker to trip.

Choice of local display options

Dell LED Metered PDUs (1kW–22kW) have a two-digit display that shows aggregate current draw per PDU, plus a warning of potential overload conditions.

Dell LCD Metered PDUs (11kW–22kW) have a backlit, two-color LCD that displays advanced power calculations by phase and by PDU, plus an overload-warning LED. Without having to log into a workstation, technicians can quickly see where it is safe to add equipment and how to balance loads.

The LCD rotates 180° to be upright whether the PDU is set up for top or bottom input cabling. The LCD changes color during alarm conditions to provide at-a-glance notification of issues needing attention.

Remote monitoring from anywhere

Using secure Web, SNMP or Telnet interfaces, remote administrators can see what is happening in the rack: how much power is being consumed, where trouble might be looming, or (with optional sensors) where environmental conditions are suspect. Dell PDUs integrate with KVM systems and the Dell Management Console for a consolidated infrastructure view. Logs of power-utilization trends enable more-informed planning decisions.

Fast and easy installation without tools

These slim PDUs simply snap into button-mount holes on the side of the rack, making them ideal for Dell PowerEdge™ 4220, 2420 and 4820 racks. They are also compatible with Dell 4210 racks when using an AP7400 adapter. Dell PDUs are unique in supporting a choice of orientations: mounted with receptacles facing either the equipment or the aisle.

Built for long service life

These rugged PDUs can operate at temperatures up to 50°C (122°F). Only Dell UPSs are backed by a Dell three-year warranty and Dell service for fast, easy, one-stop service and support.

Distribute power to up to 48 devices in a rack, with visibility into power draw, so you can intelligently balance loads and prevent tripped circuits.

Model	Dell part#	Tied SKU	Non-tied SKU	Height (U)	Phase	Amp	Input voltage	kW	Output receptacles	Input cord length	Input plug
LED	G728N	330-9588	330-9609	42	1	20	120	1.9	(20) 5-15R	3.7m	G825N
LED	G740N	330-9593	330-9613	42	1	30	208	5.8	(20) C13, (6) C19	3.0m	L6-30
LED	H534N	330-9594	330-9614	21	1	30	208	5.8	(12) C13, (2) C19	3.0m	L6-30
LED	J519N	330-9589	330-9610	21	1	20	120	1.9	(12) 5-15R	3.7m	G825N
LED	J520N	330-9595	330-9615	42	1	60	208	10.8	(21) C13, (6) C19	3.0m	360P6W
LED	J521N	330-9597	330-9617	42	3	32	415	16.6	(20) C13, (6) C19	3.0m	530P6W
LED	K535N	330-9590	330-9612	42	1	20/16	100-240	3.8	(21) C13, (6) C19	3.7m	G825N or J562N
LED	K536N	330-9596	330-9616	42	3	30	208	8.6	(21) C13, (6) C19	3.0m	L15-30
LCD	09FG8	331-0852	331-0859	42	3	30	415	17.3	(18) C13, (12) C19	3.0m	530P6S
LCD	1X98J	331-0855	331-0862	42	3	60	208	17.3	(6) C13, (12) C19	3.0m	460P9W
LCD	2CM2K	331-0856	331-0863	48	3	60	208	17.3	(48) C13	3.0m	460P9W
LCD	4J1C2	331-0853	331-0860	42	3	20	415	11	(21) C13, (6) C19	3.0m	520P6S
LCD	C0G4D	331-0851	331-0858	48	3	30	415	17.3	(48) C13	3.0m	530P6S
LCD	K5YYY	331-0850	331-0857	42	3	30	415	17.3	(42) C13	3.0m	530P6S
LCD	XX5T6	331-0854	331-0861	42	3	60	208	17.3	(42) C13	3.0m	460P9W

Removeable cord options

Dell part#	Tied SKU	Non-tied SKU	Description	Voltage	Plug type	For use with
G825N	330-6396	330-6403	Power cord, 20A, 125V, C19 to L5-20P	100-120	L5-20P	G728N, J519N, K535N
J562N	330-6397	330-6404	Power cord, 20A, 250V, C19 to L6-20P	208-240	L6-20P	K535N

Model	Dell part#	Tied SKU	Non-tied SKU	Height (U)	Phase	Amp	Input voltage	kW	Output receptacles	Input cord length	Input plug
LED	G744N	450-15339	450-15346	42	1	32	220-240	7.7	(20) C13, (6) C19	3.0m	332P6W
LED	H537N	450-16264	450-16269	42	1	63	220-240	15.1	(20) C13, (6) C19	3.0m	363P6W
LED	J521N	450-15338	450-15345	42	3	32	400	22.2	(20) C13, (6) C19	3.0m	532P6W
LED	K535N	450-15340	450-15347	42	1	16	220-240	3.8	(21) C13, (6) C19	3.7m	G843N
LCD	09FG8	450-16260	450-16267	42	3	32	400	21.6	(18) C13, (12) C19	3.0m	532P6S
LCD	4J1C2	450-16263	450-16268	42	3	16	400	11.5	(21) C13, (6) C19	3.0m	516P6S
LCD	C0G4D	450-16262	450-16266	48	3	32	400	21.6	(48) C13	3.0m	532P6S
LCD	K5YYY	450-16261	450-16316	42	3	32	400	21.6	(42) C13	3.0m	532P6S

Removeable cord option

Dell part#	Tied SKU	Non-tied SKU	Description	Voltage	Plug type	For use with
G843N	450-14218	450-14142	Power cord, 16A, 250V, C19 to IEC309-16A	220-240	IEC309	K535N

Model	Dell part#	Tied SKU	Non-tied SKU	Height (U)	Phase	Amp	Input voltage	kW	Output receptacles	Input cord length	Input plug
LED	G744N	450-15339	450-15346	42	1	32	220-240	7.7	(20) C13, (6) C19	3.0m	332P6W
LED	G744N	450-15391	450-15733	42	1	32	220-240	7.7	(20) C13, (6) C19	3.0m	332P6W
LED	H537N	450-15392	450-15734	42	1	63	220-240	15.1	(20) C13, (6) C19	3.0m	363P6W
LED	J521N	450-15393	450-15735	42	3	32	400	22.2	(20) C13, (6) C19	3.0m	532P6W
LED	K535N	450-15390	450-15732	42	1	20/16	100-240	3.8	(21) C13, (6) C19	3.7m	G843N or H608N
LCD	09FG8	450-16343	450-16324	42	3	32	400	21.6	(18) C13, (12) C19	3.0m	532P6S
LCD	4J1C2	450-16347	450-16325	42	3	16	400	11.5	(21) C13, (6) C19	3.0m	516P6S
LCD	C0G4D	N/A	450-16318	48	3	32	400	21.6	(48) C13	3.0m	532P6S
LCD	K5YYY	450-16345	450-16326	42	3	32	400	21.6	(42) C13	3.0m	532P6S

Removeable cord options

Dell part#	Tied SKU	Non-tied SKU	Description	Voltage	Plug type	For use with
G843N	470-11793	470-11656	Power cord, 16A, 250V, C19 to IEC309-16A	220-240V	IEC309	K535N
H608N	470-11795	470-11797	Power cord, 16A, 250V, C19 to AS3112/20	220-240V	AS3112/20	K535N in Australia

Model	Dell part#	Tied SKU	Non-tied SKU	Height (U)	Phase	Amp	Input voltage	kW	Output receptacles	Input cord length	Input plug
LED	G728N	450-15798	450-16218	42	1	20	100	1.9	(20) 5-15R	3.7m	H600N
LED	J519N	450-15797	P012N	21	1	20	100	1.9	(12) 5-15R	3.7m	H600N
LED	K535N	450-15389	450-15700	42	1	20	100	4.8	(21) C13, (6) C19	3.7m	K584N, H600N
LCD	7P35N	450-16346	450-16327	42	3	60	200	20.8	(6) C13, (12) C19	3.0m	460P9W
LCD	RXKCH	450-16344	450-16328	42	3	60	200	20.8	(42) C13	3.0m	460P9W

Removeable cord options

Dell part#	Tied SKU	Non-tied SKU	Description	Voltage	Plug type	For use with
H600N	470-12115	450-16214	Power cord, 20A, 100V, C19 to L520, JPA	100	L5-20	G728N, J519N or K535N
K584N	470-12116	450-16216	Power cord, 20A, 200V, C19 to L620, JPA	200	L6-20	K535N

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