

# The Dell Smart-UPS™ Family



[DellUPS.com](https://DellUPS.com)

**DELL** Technologies

**Schneider**  
Electric™

# Why do you need Uninterruptible Power Supplies (UPS)?

An Uninterruptible Power Supply (UPS) helps ensure that businesses have power protection for critical applications. A UPS provides protection for these critical systems in the event of a power disruption, whether it's a prolonged outage or just a blip that can nonetheless damage mission critical IT equipment such as server, storage, or networking devices. The UPSs provide backup power that can keep critical equipment up and running during relatively short outages and allow you to safely power them down in the event of a longer outage. UPSs are a critical component of any business continuity plan.

 **Network Availability**  
Ability to ride out all disruptions rather than shutdown

 **Hardware Protection**  
Avoid loss or corruption caused by power issues

 **Data Protection**  
Prevent damage caused by EMI/RFI interference, and other power issues

 **Energy Efficiency**  
Lower operating costs and a smaller carbon footprint

 **Avoid High Cost of Downtime**  
+\$25,000 on average per hour for small business<sup>1</sup>  
+\$540,000 on average per hour for medium & large enterprise<sup>1</sup>



<sup>1</sup> Atlassian, "Calculating the Cost of Downtime", <https://www.atlassian.com/incident-management/kpis/cost-of-downtime>

# The Dell Smart-UPS family

Dell Smart-UPS family provides intelligent and efficient network-grade power protection ideal for servers, point-of-sale (POS), routers, switches, hubs, and other network devices.

Dell Smart-UPS enables IT professionals to operate more effectively by providing versatile power protection while minimizing maintenance and offering flexible remote UPS monitoring and management options across distributed environments.



## Ideal Power Protection for:



Retail



Medical



Industrial  
Manufacturing



Education

## Line Interactive

The DLT Series are line interactive models capable of supporting loads from 1 to 3kVA available in both rack mountable and tower form factors. The models are ideal for a wide range of enterprise equipment across distributed environments including server rooms, network closets, retail POS, edge networks, data storage, and small data centers.

All models are remote management ready via the ethernet port or a network management card.

## On-Line

The Dell Smart-UPS On-Line series provide high density, double-conversion on-line power protection for servers, voice/data networks, medical labs, and light industrial application.

Capable of supporting loads from 3 to 5kVA in a rack/tower convertible form, the Dell Smart-UPS On-Line series is available from 2U to 6U. When business-critical systems require runtime in hours, Smart-UPS On-Line can be configured with matching battery packs to comply with aggressive runtime demands. All Dell Smart-UPS On-Line models are remote management ready via network management card.

Ideal power protection for server rooms, data centers and remote edge deployments including medical labs, industrial manufacturing, retail and more.

## Smart-UPS Lithium-ion (DLTL)

- Smart-UPS Lithium-ion series provides 2x the life with light weight lithium-ion batteries making the UPS easier to install and reducing the Total Cost of Ownership.
- Designed for IT managers or network administrators looking to lower operating costs by minimizing UPS maintenance and simplifying operations through remote UPS management across distributed environments.



## Why consider Smart-UPS Lithium-ion?



2X Longer life expectancy than VRLA batteries



Eliminate the cost of battery replacement and labor



Save on TCO by up to 50%



One-third lighter batteries for easier handling and installation



Five-year factory warranty on the UPS and battery



Battery management system and certifications provide higher level of performance



Greater efficiency in charge and discharge of the batteries



# Software and digital services

Digital transformation continues to shift the way organizations do business relying more on IT infrastructure more than ever. In this connected world, the ability to improve visibility and remotely manage IT assets is more critical than ever to enable uptime, improve operations and increase customer satisfaction.

## PowerChute Network Shutdown v4.5

PowerChute™ is a management software jointly developed by Schneider Electric and Dell Technologies. In the event of a power outage, PowerChute can gracefully shut down your Dell VxRail clusters using the VxRail API. The management software minimizes downtime with pre-configurable start-up sequences that power on VMs after critical events have passed.

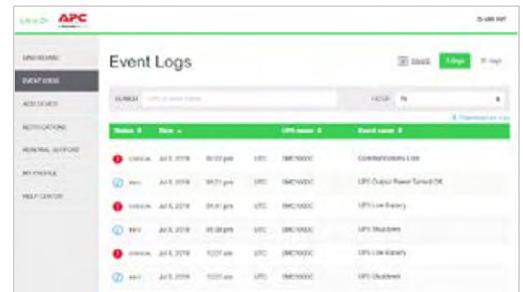
[Learn more about PowerChute capabilities >](#)

## EcoStruxure Ready Smart-UPS Portal

Secure web portal for essential monitoring. Provides visibility to enable proactive decisions and maximize uptime, ideal for small and medium businesses.

- Includes intuitive remote management interface that provides automatic notifications, firmware updates, and advanced support.
- Out-of-box connectivity via the SmartConnect Ethernet Port located on the back of the model

[Learn more about Smart-UPS Portal capabilities >](#)



## EcoStruxure IT

Full suite of software and services to monitor, manage, and optimize critical IT infrastructure – on-premise, in the cloud, and at the edge.

	<p><b>Expert: Do it yourself monitor and management</b></p>		<p><b>Asset Advisor: Schneider Electric monitors, you service</b></p>		<p><b>Monitoring &amp; Dispatch: Schneider Electric monitors and services</b></p>
<p>A secure cloud-based, vendor agnostic, software solution that enables wherever-you-go monitoring and visibility into your IT physical infrastructure</p>		<p>A 24/7 cloud-enabled, secure remote monitoring and trouble shooting service of your critical equipment through the Schneider Electric Connected Services Hub</p>		<p>An all-in-one management service combines 24/7 remote monitoring and on-site support services allowing you to optimize your critical IT and help to prevent downtime</p>	

[Learn more about EcoStruxure IT options >](#)

# Dell Smart-UPS technical specifications DLT 1.5kVA – 3kVA technical specifications

UPS Model	DLT1500C	DLT1500RM2UC	DLT2200C	DLT3000RM2UC
<b>Output</b>				
Output power capacity	1.0kWatts / 1.44kVA	1.0kWatts / 1.44kVA	1.92kWatts / 1.98kVA	2.7kWatts / 2.88kVA
Nominal output voltage	120V			
Output frequency (sync to mains)	47 – 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal			
Waveform type	Pure Sinewave			
Output connections	(8) NEMA 5-15R	(6) NEMA 5-15R	(2) NEMA 5-20R (8) NEMA 5-15R	(2) NEMA 5-20R (6) NEMA 5-15R
Switched outlet group	1			
Efficiency at full load	99%	99%	99%	
<b>Input</b>				
Nominal input voltage	120V			
Input frequency	50/60 Hz +/-3 Hz (auto sensing)			
Input connection	NEMA 5-15P	NEMA 5-15P	NEMA 5-20P	NEMA L5-30P
Input voltage range for main operations	82 – 144 (75 – 154V)			
<b>Batteries</b>				
Battery type	VLRA			
Replacement battery	RBC7	APCRBC159	RBC55	RBC43
<b>Runtime Estimates</b>				
750 watts	11 min	12 min	38 min	24 min
1500 watts			15 min	9 min
2250 watts				4.5 min
Full load	6.5 min	7 min	10 min	2min 49 sec
<b>Communication and management</b>				
Interface port(s)	Serial (RJ45), USB, and SmartSlot			
SmartSlot™ interface availability	Yes			
Control panel	Alpha-numeric LCD display with LED status indicators; alarm on battery, distinctive low battery alarm and configurable delays			
<b>Physical</b>				
Net HxWxD	8.62" x 6.73" x 17.28"	3.4" x 17" x 18.78"	17.13" x 7.72" x 21.42"	3.4" x 17" x 26.9"
Rack height	Tower	2U	Tower	2U
Net weight	54.23 lb	58.42 lb	112.24 lb	97.62 lb
Shipping weight	60 lb	70.81 lb	134 lb	113.74 lb
Shipping HxWxD	13" x 13" x 23.23"	9.25" x 23.23" x 24"	22" x 15" 30"	10" x 23.6" x 38.6"
<b>Environmental</b>				
Operating environment	32 – 104 °F (0 – 40 °C)			
Operating relative humidity	0 – 95%			
Operating elevation	0-10000 feet (0-3000 meters)			
Audible noise at 1m from surface of unit	45 dBA			
<b>Conformance</b>				
Regulatory approvals	CSA C22.2 No. 107.1 FCC Part 15 class A UL 1778			
Standard warranty	3 Years: UPS and batteries			

# Dell Smart-UPS On-Line DLRT

## 3kVA – 8kVA technical specifications

UPS Model	DLRT3000RMXLA	DLRT5KRMXLT	DLRT8KRMXLT
<b>Output</b>			
Output power capacity	2.7kWatts / 3.0kVA	4.8kWatts / 5.4kVA	8.0kWatts / 8.0kVA
Nominal output voltage	120V	208V (240V user Selectable)	
Output frequency (sync to mains)	50/60 Hz +/- 3 Hz		
Waveform type	Double conversion online; sine wave		
Output connections	(1) NEMA L5-30R (8) NEMA 5-20R	(2) NEMA L6-20R (2) NEMA L6-30R	(6) NEMA L6-30R
Switched outlet group	2	3	3
Efficiency at full load	97%	95%	95%
<b>Input</b>			
Nominal input voltage	120V	208V (240V user Selectable)	
Input frequency	40 - 70 Hz auto-sensing		
Input connection	NEMA L5-30P	NEMA L6-30P	Hard wire 3-wire (2P + E)
Input voltage range for main operations	108- 150V ± 5V	160 – 275V ± 5V	
<b>Batteries</b>			
Battery type	VLRA	VLRA	VLRA
Replacement battery	APCRBC152	APCRBC140	APCRBC140 x2
Extended battery	DLRT96RMBP	DLRT192RMBP	DLRT192RMBP2
<b>Runtime Estimates</b>			
1500 watts	9 min	19 min	46 min
3000 watts		8 min	21 min
6000 watts			8 min
Full load	3 min	3 min	5 min
<b>Communication and management</b>			
Interface port(s)	Serial (RJ45), USB (Type A) and Smart-Slot	RJ-45 with status LEDs (10/100 Base-T), serial (RJ45), USB (Type B), and SmartSlot	
SmartSlot™ interface availability	Yes		
Control panel	High resolution graphical LCD display		
<b>Physical</b>			
Net HxWxD	3.35" x 17" x 25"	5.1" x 17" x 28.31"	10.35" x 17" x 28.15"
Rack height	2U/Tower	3U/Tower	6U/Tower
Net weight	69 lb	123 lb	246 lb
Shipping weight	88 lb	150 lb	292 lb
Shipping HxWxD	9.69" x 23.58" x 34.29"	12.99" x 24.02" x 37.80"	26.81" x 23.62" x 39.37"
<b>Environmental</b>			
Operating environment	32 – 104 °F (0 – 40 °C)		
Operating relative humidity	0 – 95%		
Operating elevation	0-10000 feet (0-3000 meters)		
Audible noise at 1m from surface of unit	55 dBA		
<b>Conformance</b>			
Regulatory approvals	UL-1778, FCC Part 15 Class A, CSA	UL-1778, FCC Part 15 Class A, cUL, NOM	UL-1778, FCC Part 15 Class A, CSA C22.2 No.107.3-05, NOM
Standard warranty	3 years: UPS and battery		

# Dell Smart-UPS technical specifications

## lithium-ion

UPS Model	DLTL1500RM3UC
<b>Output</b>	
Output power capacity	1350 Watts / 1500 VA
Nominal output voltage	120V
Output frequency (sync to mains)	50/60 Hz +/- 3 Hz (auto sensing)
Waveform type	Sine Wave
Output connections	(6) NEMA 5-15R
Switched outlet group	One
Efficiency at full load	>96%
<b>Input</b>	
Nominal input voltage	120V
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input connection	NEMA 5-15P
Input voltage range for main operations	82 – 144Vac
<b>Batteries</b>	
Battery type	Lithium-ion
Replacement battery	N/A
<b>Runtime Estimates</b>	
250 Watts	32m
500 Watts	17m
1000 Watts	8m
Full load	5m
<b>Communication and management</b>	
Interface port(s)	Serial (RJ45), SmartSlot, USB, APC SmartConnect (RJ45)
SmartSlot™ interface availability	Yes
Control panel	Multi-function LCD status and control console
<b>Physical</b>	
Net HxWxD	5.14" x 17.25" x 12"
Rack height	3U
Net weight	43 lbs
Shipping weight	50 lbs
Shipping	HxWxD 11" x 17.64" x 23"
<b>Environmental</b>	
Operating environment	32 – 104 °F (0 – 40 °C)
Operating relative humidity	0 – 95%
Operating elevation	0-10000 feet (0-3000 meters)
Audible noise at 1 meter from surface of unit	< 45.0dBA
<b>Conformance</b>	
Regulatory approvals	UL 1778, UL 1973, CSA
Standard warranty	5 Years: UPS and batteries



Explore Dell Solutions at  
[DellUPS.com](https://DellUPS.com)

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