

The power behind competitiveness

Delta UPS – Ultron Family

DPM Series, Three Phase
250-1250 kVA, 480V

Ultimate power protection with intelligent design and superior power performance

The Ultron DPM is a true online double-conversion UPS offering the maximum available power, energy efficiency, and power performance for large data centers requiring high power ratings and highly reliable power protection. Capable of parallel expansion up to 8 units, this product series is designed to fulfill the Megawatt power demands of large data centers.

Delta is firmly committed to making data centers as green as possible. The Ultron DPM series UPS is the ecological choice with its AC-AC conversion efficiency of up to 96% in normal operation and 98.5% in Robust ECO mode. This high energy efficiency results in considerable energy savings for large data centers. The self-diagnosis of key components providing proactive maintenance and aging detection effectively minimizes downtime risks. The Ultron DPM series UPS is the most suitable power protection for safeguarding the continuity of large data center businesses.



Superior Power Performance and Efficiency

- AC-AC efficiency up to 96%, efficiency optimization at light loads saves energy costs
- Robust ECO mode up to 98.5% efficiency with higher system reliability
- Low harmonic pollution (iTHD<3%) & high input power factor (>0.99)

Assured Reliability

- Smart modular design with internal redundancy achieves fault isolation for higher reliability
- Advanced technologies including waveform capture, IR scanning and battery aging data analysis provide key component predictive maintenance and minimize downtime risk
- Key component redundancy allows individual faults for higher UPS availability

Greater Flexibility

- Supports both top and bottom cable entry for flexible configurations, and full front access.
- Up to eight UPS units can be paralleled for redundancy or expansion
- Adjustable battery charging voltage adapts to multiple types of batteries.

Intelligent Management

- Intuitive HMI touchscreen enables easier UPS information access and operation
- Built-in USB port is standard for easy access to over 5000 data logs for event diagnosis
- SNMP card is equipped as standard for remote monitoring and management



Data Center



Telecom



Industrial



Network



Security



Lab



Medical



Metro



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Model		DPM-250K	DPM-500K	DPM-750K	DPM-1000K	DPM-1250K
Power Rating	kVA	250	500	750	1000	1250
	kW	250	500	750	1000	1250
Input	Nominal Voltage	480Vac, 3P3W				
	Voltage Range	+10/-15%, 408~552Vac (full load)				
	Frequency	50/60Hz ± 5Hz				
	Power Factor	> 0.99 (full load)				
	Current Harmonic Distortion	< 3%				
Output	Voltage	480Vac, 3P3W				
	Voltage Regulation	± 1%				
	Voltage Harmonic Distortion	< 1.5% (linear load)				
	Overload Capability	105~≤125%: 10 minutes; 126~≤ 150%: 1 minute; > 150%: 1 second				
	Frequency	50/60Hz ± 0.5Hz				
External Battery	Compatible Type	Lithium-ion, VRLA, vented				
	Battery Voltage	480Vdc				
	Quantity	38~42pcs				
	Charge Current	70A	140A	210A	280A	350A
Display	LCD	Touch Screen				
Communication Interfaces		Smart Slot x 1, Parallel Port x 2, REPO Port x 1, Input Dry Contact x 2, Output Dry Contact x 6, Breaker Detection x 4, USB Port x 2, RS-232 x 1, SNMP Card x 1, Battery Temperature Detection x 4				
Parallel Operation	Redundancy and Expansion	Up to 8 units				
Efficiency	Online Mode	Up to 96% (95% at 30% load)				
	Robust ECO Mode	Up to 98.5%				
Environment	Operating Temperature	0~40° C (32~104 °F)				
	Relative Humidity	0~95% (non condensing)				
	Audible Noise	< 75dBA				
	Protection Level	IP20				
Physical	Dimensions (W x D x H)	59.6 x 34.4 x 74.8in.	83.8 x 34.4 x 74.8in.	108.1 x 34.4 x 74.8in.	153.9 x 34.4 x 74.8in.	178.2 x 34.4 x 74.8in.
	Weight	2136lb	2866lb	4409lb	5952lb	7496lb

All specifications are subject to change without prior notice.



Delta's Manufacturing System Certified by ISO 9001 and ISO 14001 Standards

IACQ Certificate of Hazardous Substance Process Management