

The power behind competitiveness

Delta UPS – Ultron Family

DPM Series, Three Phase

500 - 1375 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 4 units, this product series is expected to fulfill the requirements for 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 99% 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 99% 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 fully front access.
- Up to four 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



Smarter. Greener. Together.

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Model		DPM-500K	DPM-550K	DPM-750K	DPM-825K	DPM-1000K	DPM-1100K	DPM-1200K	DPM-1375K
Power Rating	kVA	500	550	750	825	1000	1100	1200	1375
	kW	500	500	750	750	1000	1000	1200	1250
Input	Nominal Voltage	480 Vac, 3P3W							
	Voltage Range	408~552 Vac (full load)							
	Frequency	50/60Hz +/- 5Hz							
	Power Factor	> 0.99 (full load)							
	Current Harmonic Distortion	< 3%							
Output	Voltage	480 Vac, 3P3W							
	Voltage Regulation	± 1 %							
	Voltage Harmonic Distortion	< 2% (100% linear load)							
	Overload Capability	101% ~ ≤125%: 10 minutes; 126% ~ ≤150%: 1 minute; >150%: 1 second							
	Frequency	50/60Hz +/- 0.5Hz							
External Battery	Compatible Type	VRLA, vented							
	Battery Voltage	480 Vdc							
	Quantity	38 ~ 42 pcs							
	Charge Current	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 4 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	95 % (non condensing)							
	Audible Noise	< 75 dBA							
	Protection Level	IP20							
Physical	Dimensions (W x D x H)	2130 x 875 x 1900 mm 83.8 in x 34.4 in x 74.8 in		2745 x 875 x 1900 mm 108.1 in x 34.4 in x 74.8 in		3910 x 875 x 1900 mm 153.9 in x 34.4 in x 74.8 in		4525 x 875 x 1900 mm 178.2 in x 34.4 in x 74.8 in	
	Weight	1300 kg 2866 lb		2000 kg 4409 lb		2700 kg 5952 lb		3400 kg 7496 lb	

All specifications are subject to change without prior notice.



2007~ 2008 Forbes Asia's Fabulous 50



2009 Frost & Sullivan Green Excellence Award for Corporate Leadership



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



IECQ Certificate of Hazardous Substance Process Management

