

Nominee: Eltek Power (UK) Ltd

Nomination title: Delta's 500kVA UPS Sets World's Power Density Record with 55.6kVA per 3U Module

Delta Electronics, Inc., a global leader in power and thermal management solutions, announced the global launch of its 500kVA Modulon DPH series uninterruptible power supply (UPS). Delta's new state-of-the-art online double conversion UPS boasts the world's highest power density of 55.6kVA per 3U module. Thanks to its modular design, the UPS enables advanced control of power module redundancy as well as the ability to add capacity and pay-as-you-grow scalability. The Modulon DPH 500kVA UPS is the latest in its series, which includes 75, 150, and 200 kVA models as well.

Highlights of the fault-tolerant design of the 500kVA Modulon DPH series UPS include power module redundancy and a dual CAN bus, onboard control logic, and self-synchronization. An added benefit of the adaptable modular design is that critical components are hot swappable. Parallel expansion and N+X redundancy with up to 8 units are possible. Furthermore, the system's hot-swappable architecture offers a 50% faster service time than required compared to traditional UPS systems. Together, these features make the DPH series appropriate for high-availability applications such as Tier IV datacenters. The latest UPS from Delta is also an ecological choice, with AC-AC conversion efficiency of up to 96.5% in normal operation and 99% in ECO mode.

Why nominee should win

World's Power Density Record - with 55.6kVA per 3U Module

Parallel expansion and N+X redundancy with up to 8 units are possible

UK demo suite with working product demo