



Optilan UK DC UPS Systems

Optilan UK Limited is an award winning telecommunications systems integrator, providing turnkey communication systems from design through to site commissioning and support to customers around the world.

Optilan required a solution to provide 48vDC from a 120vAC input source rated at 1.2 kW with the ability to support this load for 12 hours in the event of mains failure.

Harland Simon UPS Ltd. responded by supplying 3 x Eltek modular DC PSU systems along with loose 10 year design life batteries for installation within the Optilan enclosure.

Harland Simon supplies Eltek's products including high-efficiency power electronics and energy conversion and supplying to a variety of industries including telecoms, rail and infrastructure, power generation and distribution, solar energy and electric vehicles.



"It is sometimes difficult, but a good challenge providing solutions to Optilan that comply with their requirements such as long runtimes, wide temperature ranges and space constraints." Scott Billson, Commercial Sales Manger HSUPS.



- » DC Power Racks 'Ready To Connect' for 19" system cabinet integration
- » UPC3 (DC Controller) easy to configure, adapts the system to customer's end application and battery parameters
- » Up to 5 x rectifiers in one rack
- » 24/48/60/110/220vDC Output



Other References for Optilan UK

- » 14 x dual DC systems to supply 48vDC to equipment
- » Inverters for Ormonde Wind Farm
- » DC UPS and batteries for fibre optic backup
- » 7 x 19" rack AC UPS to support 550w load for 2 hours for Intrusion Detection System

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