

## CASE STUDY

Bespoke modular  
UPS solution for  
TELECOMMS  
PROVIDER  
in Gibraltar



### THE CLIENT BRIEF

Our client is a leading telecommunications provider based in Gibraltar supplying data storage, predominantly for the e-gaming sector. The thriving and lucrative sector relies on high speed data transfer and a continuous reliable source of power to service customers around the world. The challenge was to find a solution that would provide sufficient power density to support the data centre from a minimal footprint.

### WHY WE'RE THE PERFECT PARTNER

- A 48V DC modular switch-mode UPS system (48V DC, 44kW per rectifier) was configured to allow the batteries to be located elsewhere in the building
- The modular system provided high power density to footprint ratio. 2400mm wide x 800mm deep x 1999mm high
- The client purchased loadbank equipment. A Dale Power Solution engineer carried out regular tests to ensure the equipment was working optimally under full load conditions

### PROJECT DELIVERY

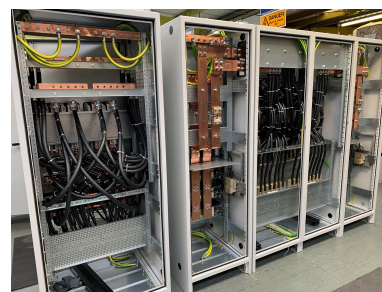
Dale Power Solutions had been providing maintenance and support to this client for 10+ years via a local engineer.

- Greater resilience. 2 batteries provided 2 hours autonomy per battery
- Excellent power density to footprint ratio
- Future proofed solution. 6 x 4kW modules supplied per rectifier with option to expand to 11 x 4kW modules
- Annual maintenance contract

### ABOUT DALE POWER SOLUTIONS

Established in 1935, Dale Power Solutions has become a leader in bringing technology and engineering together to create innovative solutions, protecting critical power supplies for customers through our standby power systems.

Currently we are providing complete maintenance and servicing to more than 10,000 generators and UPS systems in the UK including offshore.



Land is at a premium in Gibraltar. When the client wanted to migrate their backup power system to a new data centre an expandable UPS system provided the client with excellent power density to footprint ratio.

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**UPS • GENERATORS • ENERGY STORAGE**  
WEBSITE: [WWW.DALEPOWERSOLUTIONS.COM](http://WWW.DALEPOWERSOLUTIONS.COM) TEL: 0330 999 3000

