



## BAe Systems TALON

### Rugged Case Mounted 3 kVA AC UPS

**B**AE Systems plc is a British multinational defence, security and aerospace company headquartered in London, United Kingdom and with operations worldwide. It is among the world's largest defence contractors.

In 2003 BAe awarded the contract to Harland Simon UPS Ltd., who designed a prototype UPS and battery module using Commercial Off The Shelf (COTS) equipment to be suitable for harsh military applications and environments.

The design was to incorporate the UPS and battery modules into an EDAK military transportable case protected to IP67. In operation the UPS is still protected to IP43.

The UPS has been tested for direct connection to a mobile generator via specified military connector and FEDPS Terminator. The UPS and battery modules are easily field replaceable via HYPERTAC plug and mate connectors.



Following testing and passing the regulations 12 production units were manufactured in 4 months during 2004 followed by another 14 in 2006.



- » Portable military application
- » 3 kVA/2.1 kW 10 minute high performance
- » VRLA battery 6U EDAK military transport case
- » Modular design (3 x 2U modules max. 35kg)
- » Independent environmental testing
- » IP67/IP43
- » Military connection
- » Fitted with FEDPS protective conductor loop monitoring

Andy Parfitt, Sales Director HSUPS, said *"this was an initial project in which HS had to design and build a case mounted field deployable UPS to protect sensitive communications equipment against power disturbances and the result has seen subsequent projects requesting similar designs"*.



#### Other Rugged Case Mounted UPS Projects

**BAe Falcon** x 40+ units - designed, manufactured, type tested and certified 25 x rugged case mounted pallet 3.8 kW/5 minute custom UPS

**General Dynamics** x 60+ rugged case mounted 3 kVA UPS systems based on the original TALON design