



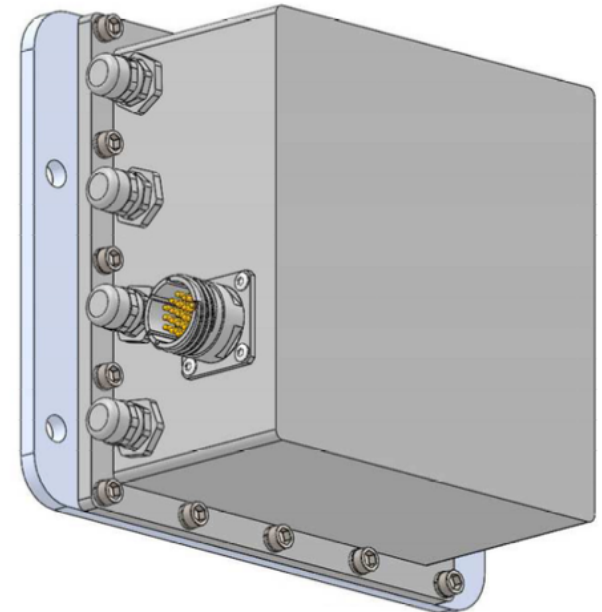
www.aeroglowinternational.com

Contact: Keith White - Business Development
email: Keithwhite@aeroglowinternational.com
Call: +44 777 614 7803

HaLO Egress Lighting - Ultra Capacitor Pack (#AG-CAP*)

The power pack is designed specifically for (but not limited to) the AeroGlow International (AGI) Hatch Lighting and Orientation (HaLO) system. The Unit requires a 24-28V DC input (4A) from vehicle power for charging. Following an event, where vehicle battery power is most often lost, the unit continues to provide isolated power to the HaLO escape lighting system. Its key features are:

- ➔ Provides the User with through life cost savings, negating the need to purchase and manage replacement battery stock.
- ➔ Designed to last the life of a vehicle and remain totally maintenance free.
- ➔ Designed for direct replacement of existing HaLO battery pack.
- ➔ Designed and tested to withstand IED/crash and water events.
- ➔ Allows crew to use egress lights on an unlimited basis for training or general purposes, offering increased capability.
- ➔ Charges in 5-7 mins from vehicle start-up. On loss of vehicle power, can power a HaLO system for approx 15 mins (dependent upon size of installation).
- ➔ System of choice by new HaLO/VELS/EELS customers.
- ➔ Fitted to the US MC ACV1.1, and UK in-service platforms.
- ➔ Under assessment by UK MOD and USSOCOM to replace all existing HaLO primary cell packs.



Specification

Medium	Standards	Quotes
Environmental	DefStan 00-35 Part 3 Issue 4. CL5,C2,CL2,A1,CL6,B3 Mil Std 501.5 to 502.5	-46 to + 70 Deg C including humidity, solar heating and marine environments.
Salt Mist	DefStan 00-35 Part 3 Issue 4. Chapter 4-02 Test CN2	
Vibration	DefStan 00-35 Part 3 Issue 4 Chapter 2-03 Test M3; Mil Std 810F	
Ballistic Shock	32g 18ms to 500g 2ms, (all axis) DefStan 00-35 Part 3 Issue 4 Chapter 2-03 Test M3	Extreme shock for armoured fighting vehicles.
EMC/V	DeStan 59-411 Part 3 I1; Mil Std 461; DEFSTAN 61-5 Part 6 Issue 6; Mil Std 501.5 to 502.5. MIL STD 465C. ISO 10605:2008 Lightning Strike to STANAG 4236.	Whole Platform EMC testing may be required by vehicle OEM as required.
Water resistance	IEC 60529 DefStan 0035, P3 Issue 4, CL29 Mil Std 810G 512.5. Fresh and Salt Water.	Proven to 30m. 4 Bar AP
Contaminates	DefStan 00-35 Part 3 Issue 4 Section 11; Chapter 4-04 Test CN4. Mil Std 810G 504.1	
Altitude	DefStan 00-35 Part 3 Issue 4 Test CL21 (A,B,C) CL15 (A) CL9	
Dust	Def Stan 00-35, Ch3-25, CL25 Mil Std 810F 510.5	
Mould Growth	DefStan 00-35 Part 3 Issue 4. Test CN1.	28 Days Severity.
Freeze - Thaw	DefStan 00-35 Part 3 Issue 4 Test CL24	
Human Factors	Def Stan 00-250 P1	
Weight		Approx 2Kg

Patent protected unrivalled technology. AGIs HaLO (Hatch Lighting & Orientation) System is protected by US patent US8253337B2, UK patent GB2472090, EU patent pending EP2278566. Furthermore HaLO is protected by various Europe-wide registered designs 001593153.

Proprietary Information and Design - Commercial in Confidence



www.aeroglowinternational.com

