



# EINTAC

Expert in **safe-working**  
on **electric vehicles**

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**PART No.**

**EHV-ASM002**

## Safety Helmet with Face Shield

Balanced lightweight safety helmet, non vented, with 6 point Fas-Trac® III ratchet suspension and GS-ET-29 Class I certified for protection against arc flash. For use where top impact hazards to the head, chemical splash, ultra-violet radiation, molten metal splash or electric arc to the face exist.

### Suspension Features

- // 6-point Fas-Trac® III ratchet suspension with premium washable and replacement sweatband
- // Head straps in woven polyester providing high comfort and long term, consistent shock absorption performance
- // Balance and stability with a lower nape strap
- // Comfort pad to separate the ratchet from the head, increasing comfort and cooling airflow
- // Ratchet offers smooth rotation
- // Easy grip knob adjustable even with gloves
- // Three levels of nape height adjustment giving superior fit

### Face Shield Features

- // Protects against impact, chemical splash, Ultra-Violet radiation, molten metal splash and electric arc to GS-ET-29 class I (4kA)
- // Premium anti-fog/anti scratch coated visor fits over all corrective and safety glasses
- // Reliable single handed smooth movement, even gloves
- // 2 face shield positions (completely up or down)
- // Tool free lense replacement

### Helmet Features

- // Made of ABS for strength and lateral crush protection (LD option)
- // Modern, dynamic with sports styled shell
- // Low profile (patented visor mechanism which minimises helmet shell size)
- // Channel around perimeter of the helmet diverts rain and debris from user
- // Anti-static assembly; certified electrostatic-INERIS for use in ATEX/explosive environments
- // Protection against molten metal (MM option)
- // Electrically insulating helmet meeting EN 397 440 V AC and EN 50365 1000V AC
- // Compatible with hearing protection
- // Complete with 4-point chinstrap for better helmet retention
- // Helmet delivered in a protective reusable storage bag

The information provided in this document is for general guidance only. The specifications provided are from the manufacturers information. This document is not intended as a substitute for and is not to be used for determining the suitability or reliability of these products for specific user applications. It is the duty of any such user to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. EINTAC Ltd shall not be responsible or liable for misuse of the information contained herein.



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General		
Product Size	Head sizes from 52cm - 63cm	
Metal Parts	None	
Weight	635g including the 4 point chinstrap	
Shell Dimensions	225mm (W) x 150mm (H) x 298mm (L)	
Visor Dimensions	290mm (W) x 210mm (H) x 3mm (T)	
Material		
Standard	CE Certified (EN397)	
Shell	Acrylonitrile Butadiene Styrene (ABS), UV stabilized Non Vented	
Suspension	Headband	Polypropylene (PP)
	Clips	Grey Polypropylene (PP)
	Sweatband	Sweat-wicking polyurethane (PU) internal grey foam and grey polyamide (PA) finish in contact with the head. Machine or hand washing (max 50 cycles)
	Webbing	Textile black polyester (PET) 6 points
	Ratchet	Polyoxymethylene (POM), polypropylene (PP) and polyamide (PA)
	Comfort Pad	Low Density Polyethylene (LDPE)
Inner Frame	Polycarbonate	
Face Shield	Lenses	Clear Polycarbonate (PC)
	Lenses Rails	Polyoxymethylene (POM)
	Connecting Pivot	Polyamide (PA)
4-point Chainstrap	Straps	Polyester textile
	Clips	Polyoxymethylene (POM)
	Fastener	Acetal
	Adjusters and automatic buckle	Polyamide
Lifetime guidelines		
Storage Life	3 years from the manufacturing date. Store in a proper storage bag and/or in a closed cabinet to avoid extensive exposure to sunlight, cold, humidity, exhaust fumes etc.	
Service Life	5 years from the first day of use in addition to the storage life. Manufacturer recommends writing the date of the first use on a sticker (supplied with each helmet) and then fixing to the shell	
Note Suspension	Before each use, inspect the suspensions and replace when damaged or contaminated, or as required for hygiene reasons.	
Note Face Shield	Before each use, inspect the visor and replace when damaged or scratched or when connecting pivots are worn	

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Standards & Testing	
Standards (Head Protection)	Certified by CE notified body APAVE (0082) according to: EN397:2012, industrial safety helmets with options; very low temperature (-30°C), lateral deformation (LD), molten metal (MM), 440V AC (electrical insulation) Also tested at -40°C (GOST) EN 50365 electrical class 0 nominal voltage up to 1000V AC and 1500V DC.
Standards (Eye Protection)	Certified by CE notified body DINCERTCO (0196) according to: EN166:2001 personal eye equipment 2C-1,2 I 3 B 8-I-0 9 KN) 2C-I.2 = UV filtering according to EN170:2002 I= Optical quality 3= Protection against liquid splash B= Resistance to medium energy impact 120m/s "8"= Electric arc resistance according to EN166:2001 "I" = Protection class I (4kA) according to GS-ET-29 "0"= Best light transmission class according to GS-ET-29 =, VLT>75% 9 = Resistance to molten metals and hot solids K = Resistance to surface damage by fine particles according to EN 168:2001, clause 15 N = Resistance to fogging
Supervision according to II/B article of PPE directive	System to ensuring EC quality of protection by means of monitoring CE notified body UTAC (0069) CEE
Additional Approvals & Testing	
Head Protection	Certified by INERIS to EN ISO 80079-36 : 2016 & CEI/TS 60079-32 : 2017 for safe use in ATEX areas* (ELECTROSTATIC-INERIS Certificate Number 29406) -Dust Zones 20, 21, 22 (all zones) - Gas Zones I & 2 with gas group IIA (Propane) * Caution: when working in an ATEX area operatives must be fully equipped with appropriate PPE e.g. dissipative shoes (earth resistance less than 1.1108Ω), not just suitable industrial helmets!

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