# TECHNICAL SPECIFICATION



# EVOGuard®C5 MAX Electrical helmet system

EVOGuard®C5 MAX Electrical helmet system / AKE24C-600-100



# DESCRIPTION

The EVOGuard® C5 MAX Helmet System combines an EVO®5 Olympus® global industrial safety helmet with the EVOGuard® C5 MAX visor for arc flash protection.

The helmet offers electrical insulation up to 1000Va.c. and features an intuitive wheel ratchet harness with 4-point chinstrap for a secure fit. The clear replaceable visor provides Class 1 arc flash eye and face protection and A-rated impact resistance with an anti-scratch, anti-mist coating.

The EVOGuard® C5 Max should be used as part of an arc flash protective ensemble that also includes suitable arc flash protective clothing and gloves.

### OPTIONS

EVOGuard®C5 MAX Electrical helmet system (AKE24C-600-100)

## SAFETY STANDARDS

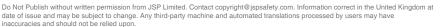
EN 397 • EN 50365 • EN 166 • EN 170 • GS-ET-29





JSP Limited. Worsham Mill. Minster Lovell. Oxford OX29 0TA. England.

Tel: +44 (0)1993 826050 / Fax: +44 (0)1993 824411 / Email: sales@jspsafety.com / Web: www.jspsafety.com







#### **SPECIFICATIONS**

Peak

Mid

Lateral Deformation

Yes

EN 50365 ELECTRICAL INSULATION

1000V

Minimum Temperature

-40°C

Recyclable

Shell

Depth Adjustment 3D Harness

Universal Accessories Slot

Yes

Reflective Option

Fitted

ID card holder

Optional

Optional 4 point chinstrap (EN397 Compliant)

Fitted

RADIATION PROTECTION BREAKDOWN filtering effect

Scale Number

2C

Manufacturer's Trademark

JSP Dagger

High Energy Impact resists a 6 mm, 0.86g ball @ 190 m/s

Maximum protection for face shields

A

Protection from Liquid Splash

3

Arc Flash Protection Class

1: Up To 4kA, or 155kJ/m<sup>2</sup> or 3.7cal/cm<sup>2</sup>

Resistance to Molten Metals and Hot Solids Helmets

(optional)

Э

Resistance to fogging (optional)

N

Material

Polycarbonate visor

Recyclable

Yes

Impact Resistance

50 Joules

Resistance to Molten Metals and Hot Solids Helmets

(optional)

Yes

Maximum Temperature

+50°C

ABS Shell

Yes

Textile

Harness

Wheel Ratchet

Yes

Ventilation

No

Integrated Eyewear

Optional

**BSI Kitemark** 

Yes

**JSPCheck** 

Yes

LIGHT TRANSMISSION BREAKDOWN Lens Shade number

1.2

Optical Class (1 – Class 1 – High quality for regular use. 2 – Class 2 – Medium quality for occasional use. 3 – Class 3 –

Low quality for exceptional use)

1

The letter T, immediately after the mechanical strength symbol, authorises use for high speed particles at extreme

temperatures. (-5°C and +55°C) Optional

Т

Protection Against Short Circuit Electric Arc

g

Visible Light Transmittance (VLT)

0: ≥ 75%

Resistance to Surface Damage by Fine Particles (optional)

K

Visor Length

21.5cm

**Product Weight** 

600g

**FEATURES** 





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#### **Electric Arc Protection**

EVOGuard® C5 MAX meets the requirements of GS-ET-29, providing eye and face protection against a risk of a fault arc: GS-ET-29 Class 1, 4kA (155KJ/m² or 3.7 cal/cm²).



#### **UV Protection**

Visor filters harmful UV radiation to protect the eyes whilst also offering high light transmission and enhanced colour recognition.

### APPLICATIONS

General guidance only and should not be considered a substitute for a full risk assessment

Construction and Infrastructure Mining, Aggregates and Quarrying

Oil, Gas and Chemical Companies Rail and Tunnelling

Renewable, Wind and Solar Energy Utilities Contractors

LOGO DOWNLOADS



Image Pack (ZIP)











