# 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 Helmet System should be worn as part of a complete arc flash ensemble.

# OPTIONS

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

## SAFETY STANDARDS

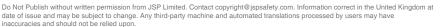
EN 397 • EN 50365 • EN 166 • EN 170 • GS-ET-29





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

1

Α



Protection from Liquid Splash

Arc Flash Protection Class

1: Up To 4kA, or 155kJ/m² or 3.7cal/cm²



Resistance to Molten Metals and Hot Solids (optional)

ξ

Ν

Resistance to fogging (optional)



Material

Polycarbonate visor



Recyclable

Yes



Impact Resistance

50 Joules



Molten Metal

Yes



Maximum Temperature

+50°C



ABS Shell

Yes



Textile





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

8



Visible Light Transmittance (VLT)

0: ≥ 75%



Resistance to Surface Damage by Fine Particles (optional)  ${\bf K}$ 

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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.

LOGO

DOWNLOADS



Image Pack (ZIP)











