

# TECHNICAL SPECIFICATION



## Powercap® Active™ IP 8hr Multi Plug

Black / CAE602-941-100



### DESCRIPTION

PowerCap® Active™ IP is a lightweight positive pressure respirator with eye & face impact protection and EN 812 bump cap protection. Lightweight, firm fitting and ergonomically designed, PowerCap® Active™ IP is designed to protect the user from dust and most airborne particulate pollutants to EN 12941 TH1P.

- 1mm thick polycarbonate visor with aluminium edges providing impact protection - attached by rivets.

### OPTIONS

**Black (CAE602-941-100)**

### SAFETY STANDARDS

EN 12941 • EN 812 • EN 166



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## SPECIFICATIONS



Peak  
7cm



Side Impact Resistance  
12 Joules



Minimum Temperature  
+5°C



Recyclable  
Shell



Ventilation  
Yes

Classification  
TH1 (Turbo Hood)

Usage  
R (Reusable)

Minimum Filtration Efficiency  
90%

Nominal Protection Factor  
10

Mask Design  
A Turbo Hood Powered Air Purifying Respirator  
(Loose Fitting)

Latex free  
Yes

Filter Shelf Life  
5 years

Battery Type  
Rechargeable Lithium-ion 2 x 3.7v 1.9Ah



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



Protection from Liquid Splash  
3



Product Weight  
659g



Impact Resistance  
12 Joules x 4



Maximum Temperature  
+40°C



HDPE Shell  
Yes

Buckle Type Harness adjustment system  
Elastic harness with lockable buckle



Reflective Option  
No



Filter Type  
P (Protects Against Solid and Liquid Aerosols)



Exhalation Valve  
No

Maximum Total Inward Leakage (TIL)  
10% When Fitted To PowerCap® Active™  
Respirator

UK Assigned Protection Factor  
10

Face Seal Type  
Hypoallergenic Material

Metal Free  
No

Filter Material  
Pleated Media



Manufacturer's Trademark  
JSP Dagger



Medium Energy Impact resists a 6 mm, 0.86g ball @ 120 m/s Maximum protection for goggles.  
B



BSI Kitemark  
Yes

Noise Level  
68.2dB

## FEATURES



### Powered Air

Protection to EN 12941 TH1P provides a cooling, comfortable supply of filtered air at 160 litres per minute, eliminating breathing resistance and visor misting.



### Bump Cap Head Protection

The cap uses JSP HardCap™ A1+ bump cap technology, exceeding the EN 812 standard. The cap cover is easily removable, wipeable and machine washable.



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### Micro USB Charging

PowerCap® Active™ is supplied with a micro USB cable for recharging in as little as 5 hours. The PowerBox™1 battery pack features a built-in fuel gauge, making it easy to check charge level.



### Eye and Face Protection

The IP version offers eye and face impact protection to EN 166 1 B, ideal for working in environments where there is a danger of flying particles. Peel-off covers available.

#### RANGE



#### VIDEOS

[www.jspgo.com/UI-FH/UI\\_PowercapActive/UI\\_PowercapActive](http://www.jspgo.com/UI-FH/UI_PowercapActive/UI_PowercapActive)

#### DOWNLOADS

[Image Pack \(ZIP\)](#)

[doc-powercap\\_active\\_ip.pdf \(PDF\)](#)



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