

# TECHNICAL SPECIFICATION



## Powercap® Active™ 8hr Multi Plug - Black

Black / CAE601-941-100



### DESCRIPTION

Powercap® Active™ is a lightweight powered air purifying respirator with EN 812 bump cap protection. Firm-fitting and ergonomically designed, the Powercap® Active™ is designed to protect the user from dust and other airborne particulate pollutants to EN 12941 TH1P level.

### OPTIONS

**Black (CAE601-941-100)**

### SAFETY STANDARDS

EN 12941 • EN 812



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

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

Do Not Publish without written permission from JSP Limited. Contact [copyright@jspsafety.com](mailto:copyright@jspsafety.com). Information correct in the United Kingdom at date of issue and may be subject to change. Any third-party machine and automated translations processed by users may have inaccuracies and should not be relied upon.

Page 1 of 3 / Issued 2 Aug 2025 / Copyright 2018 - 2025. JSP Limited. All Rights Reserved.



## 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  
Turbo hood Powered Air Purifying Respirator  
(Loose-fitting)

Latex free  
Yes

Filter Shelf Life  
5 years



Manufacturer's Trademark  
JSP Dagger



Product Weight  
659g

Battery Type  
Rechargeable Lithium-ion

Micro USB 5VDC, 1.0A

8+ hours



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



BSI Kitemark  
Yes

Noise Level  
68.2dB

4000mAh, 3.7V, 14.8Wh

4.2VDC, 3.4A

5 hours approx.

## 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.



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

Do Not Publish without written permission from JSP Limited. Contact copyright@jspsafety.com. Information correct in the United Kingdom at date of issue and may be subject to change. Any third-party machine and automated translations processed by users may have inaccuracies and should not be relied upon.

Page 2 of 3 / Issued 2 Aug 2025 / Copyright 2018 - 2025. JSP Limited. All Rights Reserved.





## 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.

### 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 \(PDF\)](#)



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

Tel: +44 (0)1993 826050 / Fax: +44 (0)1993 824411 / Email: [sales@jspafety.com](mailto:sales@jspafety.com) / Web: [www.jspafety.com](http://www.jspafety.com)

Do Not Publish without written permission from JSP Limited. Contact [copyright@jspafety.com](mailto:copyright@jspafety.com). Information correct in the United Kingdom at date of issue and may be subject to change. Any third-party machine and automated translations processed by users may have inaccuracies and should not be relied upon.

Page 3 of 3 / Issued 2 Aug 2025 / Copyright 2018 - 2025. JSP Limited. All Rights Reserved.

