

TECHNICAL SPECIFICATION



Replacement Powercap® Infinity® Battery Pack

Default / CEU170-000-000



DESCRIPTION

Additional or replacement PowerBox2™ battery pack for PowerCap® Infinity®.

OPTIONS

Default (CEU170-000-000)



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SPECIFICATIONS



Spare
Battery Pack

Battery Type
Lithium-ion 3.6V 5.2Ah 18.72Wh



Product Weight
169g

FEATURES



Powerful Twin Turbo Performance

The patented Twin Turbo Technology controls the airflow through the headtop to maximise user comfort and optimise energy efficiency. Real time diagnostics ensure that the twin impeller motor unit delivers the optimum level of airflow depending on the wearer's demands and regulates the intake and internal pressure delivering a minimum of 160 litres a minute of filtered clean air.



Smart PPE

Real time diagnostics monitor the system and the wearer twice per second, giving the user accurate, dynamic feedback. Periods of high respiratory demand are monitored and catered for by constantly maintaining a positive pressure inside the respirator. Feedback is given on battery and filter condition via the heads up display and audible notifications.



No need to FACE FIT test

PowerCap® Infinity® removes the need for fit testing, ensuring that a high volume of clean air is delivered to the breathing zone giving a high level of protection.



Head Protection

PowerCap® Infinity® is built around the super strong ABS shell of the EVO®5 Olympus® industrial safety helmet. Fitted with the Revolution® Flex wheel ratchet harness, the helmet is designed to reduce pressure for the perfect fit and all-day comfort.



Panaromic Impact Visor

The optical class 1 visor conforms to EN166.B offering impact protection at speeds of up to 270 mph (tested using a 6mm steel ball bearing). The visor has a replaceable peel-off visor protector to prolong its life.



Tested to the MAX

Hundreds of hours of human treadmill tests were conducted in a purpose built salt dust challenge chamber to optimise mass, balance and sealing elements. Extensive user trials were conducted, putting the PowerCap® Infinity® to the test in a variety of harsh conditions.



Minimal Maintenance

PowerCap® Infinity® has been developed as a modular system, making it easy to disassemble and reassemble for ease of cleaning and maintenance. To ensure the optimal performance of PowerCap® Infinity® it is important that



Perfect Fit to Combat Dust

Dust in the workplace is a significant issue. The latest HSE figures (2017) show that 18,000 new cases of work-related respiratory disease were diagnosed. A significant proportion of these were the result of exposure to silica. While the problem



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is widely acknowledged and use of respiratory equipment is high, it is often not suitable for the person or the environment it is being used in.

maintenance is carried out on a regular basis. No specialist tools required.

RANGE



VIDEOS

- ▶ youtu.be/jS1Fr-xVS1I
- ▶ youtu.be/IMJIVCKiTdo
- ▶ youtu.be/u7dUKX-_vAc

DOWNLOADS

- [Image Pack \(ZIP\)](#)
- [doc-powercap_infinity.pdf \(PDF\)](#)



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