





( **E 2834** EN 12941

Powered Air Purifying Respirator

### **Product Specification**

Air Flow Rate (High speed)  Battery type  Rechargeable Li-ion battery  Charge time  1 hour  Battery life  At least 500 charges  Fast Charging Std Battery duration  Fast Charging Heavy Dusty Battery duration  Fast Charging Heavy Dusty Battery duration  Weight  1020g (Turbo Unit + Fast Charging Standard Battery)  Filter efficiency  >99.997%  Operating temp.  -5°C to 55°C  Storage temp.  -10°C to 55°C  Relative operating humidity (R.H.)  Relative storage humidity (R.H.)  Alarm  Audible, Visible, Vibration  Nominal Protection Factor (NPF)  500 for TH3 EN 12941	Air Flow Rate (Low speed)	170+lpm
Charge time 1 hour  Battery life At least 500 charges  Fast Charging Std Battery duration 9 hours at 170+lpm; 5-6 hours at 210+lpm  Fast Charging Heavy Dusty Battery duration 15 hours at 170+lpm; 9 hours at 210+lpm  Weight 1020g (Turbo Unit + Fast Charging Standard Battery)  Filter efficiency >99.997%  Operating temp5°C to 55°C  Storage temp10°C to 55°C  Relative operating humidity (R.H.) <90%  Relative storage humidity (R.H.) <85%  Alarm Audible, Visible, Vibration	Air Flow Rate (High speed)	210+lpm
Battery life At least 500 charges  Fast Charging Std Battery duration 9 hours at 170+lpm; 5-6 hours at 210+lpm  Fast Charging Heavy Dusty Battery duration 15 hours at 170+lpm; 9 hours at 210+lpm  Weight 1020g (Turbo Unit + Fast Charging Standard Battery)  Filter efficiency >99.997%  Operating temp5°C to 55°C  Storage temp10°C to 55°C  Relative operating humidity (R.H.) <90%  Relative storage humidity (R.H.) <85%  Alarm Audible, Visible, Vibration	Battery type	Rechargeable Li-ion battery
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Relative operating humidity (R.H.) <90%  Relative storage humidity (R.H.) <85%  Alarm Audible, Visible, Vibration	Operating temp.	-5°C to 55°C
Relative storage humidity (R.H.) <85%  Alarm Audible, Visible, Vibration	Storage temp.	-10°C to 55°C
Alarm Audible, Visible, Vibration	Relative operating humidity (R.H.)	<90%
	Relative storage humidity (R.H.)	<85%
Nominal Protection Factor (NPF) 500 for TH3 EN 12941	Alarm	Audible, Visible, Vibration
	Nominal Protection Factor (NPF)	500 for TH3 EN 12941

# **Material Of Construction**

Turbo unit	Polyamide & Acrylonitrile Butadiene Styrene
Filter cover	Polyamide & Acrylonitrile Butadiene Styrene
Breathing tube	Polyurethane
Standard belt	Durable Polyester fabric
Easyclean belt	Durable Polyester fabric & TPU coated
Soft hood	Polyurethane coated knitted Polyamide
Hard hood	Polycarbonate & Polybutylene terephthalate
Particulate filter body	Polycarbonate & Acrylonitrile Butadiene Styrene
Gas filter body	Polycarbonate & Acrylonitrile Butadiene Styrene

## **Applications**

- Spray Painting
- O Chemical Treatment
- O Powder Handling & Mixing
- O Clean Room
- Laboratory

## Industries



Automotive



Chemical



Pharmaceutical



**Heavy Engineering** 



Windmill Manufacturing







#### **Real-Time Monitoring**

Real-time monitoring displays the air-flow, battery power, particle filter loading for the user.

#### **Intelligent Control**

Respirator motor automatically adjusts the power and air-flow depending on the filter box loading.

#### **Various Filter Options**

User can choose P3/gas/odor filter according to different applications and work environments.



#### **Triple-Alarm System**

The warning light will flicker to indicate clogged filter or low battery, while the respirator will sound an alarm and vibrate.

#### **High-Performance Motor**

High-quality brushless motor, strong air volume, low power consumption, ultra-quiet running and up to 3 times longer motors life.



### Packaging Information

1 Set / Box 4 Set / Carton Carton Dimension - TBD Carton Weight - TBD

## **SKU Information**

Product SKU	Size	Inner pack UPC	Carton GTIN
BLSH-CA-2100ECB	TBD	TBD	TBD







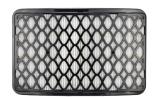
# **Parts & Accessories**







CA2101
Fast Charging Standard
Lithium Battery



**CAP302**Particle filter (TH3 P filter)



CAPF01 Pre-filter



**CASC01** Spark screen



**CAFC01** Filter cover



**CA2111**Fast-charging battery charger



**CABC02**Easy Clean Belt Cushion



**SH300** Soft Hood with Shroud



CABTA01 Standard Breathing Tube with Air Indicator



**CABTCW**Breathing Tube Cover





# **PAPR Configurations**









**CAP302** Particle filter (TH3 P filter)



Gas Filter A2



Gas Filter A1B1E1K1



CAOF01 Odour Filter

Battery & Charger



**Fast Charging Standard** 



CA2102 Fast Charging Heavy Duty



**Battery Charger** 





Quick Release **Breathing Tube** 



**CABTCG** FR Breathing Tube Cover



Belt



CASS01 Shoulder Strap



CABC02 Easy Clean Belt Cushion



CABC01 Standard Waist Belt



CABC03 High End Waist Belt (Flame Retardant)





W400 Air **Auto Darkening** Welding Shield



W500 Air Flip-up Auto Darkening Welding Shield



**HH500** Hard Hood



SH300 Soft Hood with Shroud



Soft Hood with Long Shroud