

Helmet Specifications

Regulatory Standards:	ANSI/ISEA Z87.1-2010 (High Impact), EN175, EN379
Helmet Weight (without Shroud):	19.6 oz (560 grams)
ADF Viewing Window Size:	3.9 x 1.8 in (97 x 46 mm)
Sensors:	(2) Dual UV/IR (1) RF
Shade Level:	Inactivated Shade #4 Activated Shades #9-#13 Full-Time UV/IR Protection
Sensitivity Adjustment:	Dual sensors plus pre-shading (low-high)
Switching Delay (dark to light):	Low 0.3-0.6s Fast 0.1-0.35s
Power Supply:	3V Lithium (CR2032) with Supplementary Solar Power
Indicators:	Low Battery
Operating Temperature:	23 to 131° F (-5 to 55° C)
Storage Temperature:	-4 to 176° F (-20 to 80° C)
Country of Origin:	South Korea



Respirator Specifications

Respirator Type:	Powered Air-Purifying Respirator (PAPR)
Regulatory Approvals:	42 CFR Part 84, TC-21C-0940 and TC-21C-0941
Assigned Protection Factor:	25 with SLS1 Loose-Fitting Facepiece Shroud 1,000 with SLS2 Loose-Fitting Hood Shroud
Battery Technology:	Rechargeable Lithium Polymer, 4-16 hours run time
Airflow:	200/240 lpm (low/high speeds)
Alarms:	Audible 77dBa Low Battery, Low Flow, and High Temperature
Operating Temperature:	23 to 131° F (-5 to 55° C)
Storage Temperature:	23 to 131° F (-5 to 55° C)
Country of Origin:	Assembled in the USA with domestic and imported components

Blower Specifications:

Weight:	1.55 lbs (702 grams)
Motor:	Brushless motor
Filtering:	Maximum of one filter or cartridge required
Battery:	"On-board" battery compartment (no external battery cables to connect)
Installation:	Filter locking tab for visual confirmation of correct installation
Alarms:	77dBA low voltage alarm 77dBA low flow alarm
Technology:	Active Flow Technology (Mass Flow Sensor Feedback Loop)
Operation:	User-selectable two-speed operation (7/8.5 CFM regular/high speed)

Battery Specifications:

Weight:	1.20 lbs (546 grams)
Chemistry:	Lithium Ion, 4 cells
Voltage:	14.8V nominal, 16.8V peak, 6300 mAh

HE Filters

Part Number:	PAPRFC3
Approvals:	High Efficiency Particulate
Packaging:	6 per box
Expiration/Shelf Life:	10 years (unopened) with proper storage conditions



SparxLift Technical Specifications

Belt Specifications:

Chemically resistant closed cell, vinyl/urethane, or fire retardant webbing
Adjustable for waist sizes between 28-inches and 60-inches
Belt extenders available
6.5-inches (16.5 cm) tall in lumbar region
Backpack option available

Charger Specifications:

One-port smart charger with trickle charge mode and optional diagnostics
Six-port smart gang charger with trickle charge mode

Warranty:

1 year limited manufacturer warranty for original purchase from date of purchase

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