Robopaks & Robolights

USA Manufacturer of Heavy-Duty Portable Robopak Battery Systems, Tools, Lights and Specialty Products

Serving Fire & Rescue, Military and Utility Personnel Worldwide

Aircraft Dynamics Corporation

800-874-4702 • 419-331-0371 • www.AircraftDynamics.com

CUSTOMER SERVICE



FAX 800-456-92

POST OFFICE BOX 3038 WEB SITE: WWW.AIRCRAFTDYNAMICS.COM

Over the past 47 years, Aircraft Dynamics Corporation has been solving problems and creating solutions for those who make our lives better and safer. We take pride in designing and producing quality innovative products to assist Fire and Rescue, Military, Utilities and others all over the world. Many of our products and services are a direct result of contact from you. To help continue that trend, if you ever have any questions regarding our products or have a product idea or problem you would like us to help you with, please contact us. When you contact us, you will not be lost in an endless circle of voice mails but, instead, you will be able to talk with and have direct access to anyone within our company. We believe in an "open door" policy and look forward to your call.

Designing and producing high-quality products is not our only goal. Equally important is our Customer Service, which we believe is second to none. We have been fortunate through the years to develop quality products that are durable, reliable and have "stood the test of time." However, if a problem should ever arise regarding a product or service, we will not turn our backs and you have our word that we will correct any problem or minimize any inconvenience. We will be there for you before, during and after the completion of your order.

As you look through our catalog, you will see a variety of specialized products. Unfortunately, written materials are static in time and may not always reflect new or improved items. Therefore, we would also like to point out that all our products, and newly developed additions, can we viewed and purchased on our web site www.AircraftDynamics.com (Fire and Rescue Division)



Sincerely,

All Employees, Aircraft Dynamics Corporation

TABLE OF CONTENTS

LED Green Hornet Scene Lights	3	
Safety Lighting — ConeLight and LZ Landing Warning Lights	4	
Robopak Overview	5	
XL 36v-12v Robopak	6	
XL 36v/18v Robopak	7	
XL 9210 Robopak	8	
XL 9208 "Ultra Thin" Robopak	9	
XL 1808 "Ultra Thin" Robopak	10	
Specialty Robopaks — 12v/24v Dual Voltage Li-Ion Robopak,		
XL 12v Deluxe Pro and XL 1200 Mini Remote Robopak	11	

We accept:	Visa, MasterCard,
	American Express,
	Discover
Tel:	800-874-4702
	419-331-0371

Fax: 800-456-9244 419-331-7349

Mailing: P.O. Box 3038 Lima, Ohio 45807

Shipping: 418 East Kiracofe Ave. Elida Ohio 45807

LED SCENE LIGHTING

M1 Green Hornet

Cat. No. 7005

Cat. No. 7001

M2 Green Hornet

Folds for Easy Storage

TELESCOPING QUAD-POD SYSTEM

Traditional systems use a tripod (three legged). However, research indicates that these systems have been proven to be unstable in many circumstances especially when encountering uneven terrain. Further, most telescoping systems are hard to raise and do not provide enough height to avoid a blinding effect that can be created by LED lights. The M1 addresses these problems. The M1 Green Hornet can reach a height of 10.5 ft. and it uses a quad-pod safety stand that has easy to use independent telescopic legs that also provide three height adjustments (pull pin or kick release levers). Each leg is heavy-duty powder coated metal with nonskid rubber feet. Setup takes only seconds!

ROBOPAK KITS

The M1 and M2 Green Hornet Scene Lights have been designed for those who want a versatile, rugged and "take-it-anywhere" powerful LED Scene/Work Lighting System. The M1 or M2 can be powered by any independent 12v or 24v power source. When powered by Variable Voltage Robopaks, you achieve maximum portability with extended hours of run time.



Cat. No. 3025 XL 9208 Robopak, 7005 M1 Scene Light, Adapter, 4256 DC Responder Vehicle Charger. Run time: 3 hrs. high (Dual Lights), 6 hrs. low (Single Light) The M1 and M2 Green Hornet LED Scene Lights are powerful, portable, rugged and versatile systems designed for fire and rescue, military, utility, construction and other applications. Years of market research and design has produced a proprietary blend of requested key features not available from existing portable LED and other conventional lighting systems. The M1 comes with an attached Telescoping Quad-Pod Stand (see below). Already have a safety type stand? The M2 comes with an attached connector that allows this light to attach to existing safety sign stands.

LED LIGHTHEADS



The M1 and M2 provide two round 7" Military grade lights with high output LEDs that can be operated independently, producing a powerful high or low feature. Each light can rotate independently 360° clockwise or counterclockwise and 180° horizontally, allowing users to cover needed areas unavailable by other lighting systems that only provide "front" type projections. These lights produce a unique proprietary rectangular spot pattern with a flood outlay covering an extremely large area. The Green Hornet series also features an independent amber center warning LED light that has 11 flash patterns that can be seen for miles.

- High output LEDs produce an extremely bright, crisp white light
- Solid-state electronics with instant on and off
- Long life LEDs: 20,000 hrs. vs. 400 for HID and other lighting
- Very rugged shock, vibration and weather proof
- Impact resistant polycarbonate lens
- Corrosion resistant anodized aluminum housings
- Metallized reflector produces unique intense spot/flood pattern
- Internal concealed cord
- Operating temperature range: -50C to 70C
- Power source: 12v (24v also available)
- Amp draw high (both lights on): Approx. 8 amps @ 12v
- Amp draw low (single light on): Approx. 4 amps @ 12v
- Complies with military spec for EMI

Cat. No. 3026 XL 9208 Robopak, 7005 M1 Scene Light, Adapter, 4329 Shoreline AC Charger. Run time: 3 hrs. high (Dual Lights), 6 hrs. low (Single Light)

XL 9280

800-874-4702

www.aircraftdynamics.com

SAFETY LIGHTING

CONELIGHTS

7036 - R (Red) Single Light 7037 - A (Amber) Single Light



ConeLight Kits

Contains four lights in an easy to store water proof and crush proof case.

7038 - R (Red) - Kit

7039 - A (Amber) - Kit

Case Dimensions: 10-5/8" L x 9-11/16" H X 4-7/8" D

Cones alone are not enough! Maximize the safety of your workers and surrounding areas with the Robolight ConeLights.

Robolight ConeLights are small, versatile and more effective than using cones by themselves. Providing a safer alternative, ConeLights can be easily placed over your cones. ConeLights utilize durable long lasting weather resistant LEDs. Lights have strong magnetic bottoms which securely attach to rust resistant powder coated orange metal plates that can be used with all cone sizes. Save thousands of dollars with long life LEDs.

- More effective and safer than standard road flares
- Great and effective "green" alternative
- Eliminate fire hazards associated with standard flares
- Takes only seconds to set up and deploy
- Lights can be seen for miles
- Lamp: Shock Resistant LED
- Batteries: 4 AA
- LED Bulb Life: 10,000 hrs.
- Battery Burn Time: 50 + hrs. (blinking)

LZ LANDING & WARNING LIGHTS

Robolight LED FlareLight Kit is the ultimate in LZ (landing zone) evacuations, traffic safety, control and warnings. FlareLights are small, extremely versatile and more effective and safer than traditional road flares. Providing a safe alternative with a wide range of applications, FlareLights can be placed anywhere. They have strong magnetic bottoms and they use long-lasting, rugged LED technology. Place these anywhere! Setting up a Landing Zone Evacuation only takes seconds. For LZ landing applications simply attach the LED lights magnetically to the provided metal weights and place where needed.

Cat. No. 7029 Kit

Contains four red and one amber FlareLights and five separate metal support plates to secure lights to any surface. Batteries are also included. The LED FlareLight Kit is housed in a small heavy duty plastic crushproof and waterproof case.



Small Compact Carrying Case

LED

Cat. No. 7029

- More effective and safer than standard road flares
- Eliminate fire hazards associated with standard flares
- Takes only seconds to setup and deploy
- Lights can be seen for miles
- Lamp: Shock Resistant LED (blinking or steady burn)
- Batteries: 4 AA
- LED Bulb Life: 10,000 hrs.
- Battery Burn Time: 50+ hrs. (blinking pattern)
- Case Dimensions: 10-5/8" L x 9-11/16" H X 4-7/8" D

Flarelights can also be purchased separately. Colors: Red, Amber, White, Green, and Blue. Need a custom kit? Please call.

ROBOPAKS®

ABLE VOLTAGI

TH EXTREME RUN TIMES

Tired of running out of power at critical times? Frustrated with constantly purchasing different types of batteries that quickly fail and need replaced?

Would you like a single battery system that will run all your DC tools, lights and equipment with more reliability and extreme run times?

Variable Voltage Advantage

With advanced battery technology, a single Robopak can provide alternative voltage needs, powering an infinite number of different brand tools, lights and equipment. All you need is a single Robopak and you can stop the aggravation of purchasing different types of batteries!

Extreme Run Times

Power to finish the job! Robopaks have super amp/hr. capacities, providing up to 30 times (depending on tool) longer run times than standard cordless battery power. You will not be left stranded in the middle of a job.

Lightweight, Easy to Transport

Lightweight and easy to transport, Robopaks are heavy-duty all weather systems that provide reliable DC power. Robopaks are extremely portable - take power where you need it you are not tied to a truck or generator!

Charge Friendly

Charge friendly, Robopaks do not have memory issues, allowing recharge at any point of discharge and they can be left on charge when not in use. So they are ready when you are!

Clean, Safe, Portable Power

If you want clean, safe power that is reliable no leaking hydraulic or gas lines and no GFCI requirements — Robopaks provide the ultimate in portable power that will save you many inconveniences and will save you money!

Robopaks Will Save You Money

Stop purchasing all those different types of batteries and wasting your time! All you need is one battery! A single Robopak will power all your tools, lights and equipment. And, these systems are so reliable and durable they will outlast all other types of batteries. Robopaks have "long-life" features.



www.aircraftdynamics.com

XL 36v-12v ROBOPAK®

Cat. No. 3670

Heavy duty all weather plastic casing with durable "O" rings and shoulder strap.

Variable Voltage **Power Receptacle**



Small Portable Power System

- Amp Hr. @ 36v7.2A
- Amp Hr. @ 24v 28v7.2A
- Amp Hr. @ 12v 14.4v...... 21.6A
- Dimensions: 10-5/8" L x 9-11/16" W x 6-7/8" D
- Weight: 22 lbs.

Tri-Voltage Robopak!

Highly requested Robopak can power tools, lights and equipment that require 36v, 24v-28v, or 12v-14.4v to operate. The XL 36v-12v can be taken where you need it. With the proprietary voltage "Plug-and-Go-System," set up takes only seconds. Simply plug your tool into the Variable Voltage Power Receptacle and you automatically have the proper voltage required and the power to finish the job! Charge friendly, the XL 36v-12v can be recharged at any point of discharge and can be left on charge when not in use. Additional features include a refurbish program that will save you thousands of dollars.



DC input vehicle

charger



Cat. No. 4379 Four stage intelligent Intelligent AC input worldwide charger



POPULAR XL 36v-12v ROBOPAK KITS

Power Hundreds

of Tools

Cat. No. 5180

XL 36v-12v Robopak, D-Handle Roboimpact, AC Charger

Cat. No. 5182 XL 36v-12v Robopak, Pistol Grip Roboimpact, AC Charger

Cat. No. 5030 XL 36v-12v Robopak, 36v DeWalt Adapter, AC Charger

POPULAR XL 36v-12v TOOL ADAPTERS

Cat. No. 5250 36v DeWalt Adapter

Cat. No. 5057 24v DeWalt Adapter

Cat. No. 5412 36v Hilti Ni-Cad Adapter

Cat. No. 5411 28v Milwaukee Adapter



*Other adapters and custom adapters available. Please call.

Cat. No. 5044 XL 36v-12v Robopak, 36v DeWalt Saw, 36v DeWalt Adapter, AC Charger

Cat. No. 5045 XL 36v-12v Robopak, 36v DeWalt Saw, 36v DeWalt Adapter, DC Vehicle Charger







XL 36v/18v ROBOPAK®

Reliable, Portable Power Dual Voltage Robopak !

STOP RUNNING OUT OF POWER! EXTREME RUN TIMES!

Power all your tools, lights and equipment that have voltage requirements of 18v or 36v. Small, compact, extremely portable and powerful, the XL 36v/18v Robopak can be taken where you need it. With the proprietary Dual Voltage "Plug-and-Go-System," set up time is less than two seconds! Simply plug the tool into the voltage port and you are ready! Encased in a heavy duty all weather high impact plastic casing with durable "O" rings and a shoulder strap, this Robopak also has a quick-connect side mount "super brite" flood light system (light is sold separately). Charge friendly, the XL 36v/18v can be recharged at any point of discharge and can be left on charge when not in use. Additional features include a refurbish program that will save you thousands of dollars.

Popular Accessory Cat. No. 7166 "SuperBrite" Quick-Connect Light



Cat. No. 4288

AC Input Worldwide Shoreline Charger

- Dimensions: 4.6" L x 2.4" W x 1.5" D
- Weight: 9 oz.



Power Hundreds

of Tools

- Weight: 22 lbs.
- Color: Desert Sand

POPULAR XL 36v/18v ROBOPAK KITS

Cat. No. 5406

XL 36v/18v Robopak, 36v DeWalt Adapter, "SuperBrite" Light, AC Charger

Cat. No. 5407 XL 36v/18v Robopak, 18v DeWalt Adapter, AC Charger



Cat. No. 5408 36v DeWalt Saw, XL 36v/18v Robopak, 36v DeWalt Adapter, "SuperBrite" Light, AC Charger

Cat. No. 5409 18v DeWalt Saw, XL 36v/18v Robopak, 18v DeWalt Adapter, AC Charger

POPULAR XL 36v/12v TOOL ADAPTERS

Cat. No. 5050 36v DeWalt Adapter

Cat. No. 5052 18v DeWalt Adapter

Cat. No. 5056 18v Milwaukee Adapter

Cat. No. 5053 18v Makita Adapter for Ni-Cad Tools

Cat. No. 5542 18v Makita Adapter for Li-lon Tools Tool adapters attach to your tools and connect into Robopak. Set up time: Two seconds. You can also send us your cordless battery and we will attach the proper voltage

plug and 13.5 ft. military cord.

*Other adapters and custom adapters available. Please call.

800-874-4702 📣

www.aircraftdynamics.com

EXTREM

UN TIMES

XL 9210 ROBOPAK

Tired of running out of power? Need a reliable, cost effective, long lasting battery system to power your tools, lights and equipment that require from 6v to 28v to operate?





Cat. No. 7860 "Super-Brite" Halogen Quick-Connect Light

Cat. No. 7781 "Super-Brite" LED Quick-Connect Light

Cat. No. 4329 Robocharge AC Input Shoreline Charger

Dimensions: 5" L x 4-1/2" W x 2" D

This very popular Robopak is able to power hundreds of DC powered tools, lights and equipment with voltage requirements of 6v-28v (Milwaukee, DeWalt, Hilti, Bosch, Makita, Greenlee, Huskie, etc.) The XL 9210 can be taken where you need it. With the Variable Voltage "Plug-and-Go" Power Receptacle, set up takes less than two seconds. Simply plug your adapter into the Robopak to get the proper voltage. Encased in a heavy duty all weather high impact plastic casing with durable "O" rings and a shoulder strap, this Robopak also has a quick-connect side mount "super brite" flood light system (light is sold separately). Charge friendly, the XL 9210 can be recharged at any point of discharge and can be left on charge when not in use. Additional features include a refurbish program that will save you thousands of dollars.

Cat. No. 4256 Responder DC Vehicle Mount Charger Fully automatic DC input DC output Hardwired directly to vehicle battery



POPULAR XL 9210 ROBOPAK KITS

Cat. No. 5080

XL 9210 Robopak, 24v DeWalt Adapter, 4256 Responder Charger

Cat. No. 5081

XL 9210 Robopak, 24v DeWalt Adapter, 7860 Quick-Connect Light, 4329 AC Charger

Cat. No. 5410 XL 9210 Robopak, 28v Milwaukee Adapter, 7860 Light, 4329 AC Charge





Cat. No. 5334 XL 9210 Robopak, 28v Milwaukee Adapter, 5272 Milwaukee Recip Saw, 7860 Light, 4329 AC Charger

Cat. No. 5065 XL 9210 Robopak, DC Blower/ Exhauster, Two Speed Adapter, 4329 AC Charger



Power Hundreds



POPULAR XL 9210 TOOL ADAPTERS

Cat. No. 5035 24v DeWalt Adapter

Cat. No. 5036 18v DeWalt Adapter

Cat. No. 5205 14.4v DeWalt Adapter



Cat. No. 5037 18v Milwaukee Adapter

Cat. No. 5203 18v Makita Ni-Cad Adapter **Cat. No. 5248** 24v Hilti Ni-Cad Adapter

Cat. No. 5235 Single 12v Power Receptical

Cat. No. 5236 Dual 12v Power Receptical



XL 9208 ROBOPAK

"ULTRA-THIN"

Only 4-7/8" deep, this very popular Robopak is able to power hundreds of DC powered tools, lights and equipment with voltage requirements of 6v-28v (Milwaukee, DeWalt, Hilti, Bosch, Makita, etc.) The XL 9208 can be taken where you need it. With the proprietary Variable Voltage "Plug-and-Go" Power Receptacle, set up takes less than two seconds. Simply plug your adapter into the Robopak to get the proper voltage. Features include a heavy duty all weather high impact plastic casing with durable "O" rings and a shoulder strap. Charge friendly, the XL 9208 can be recharged at any point of discharge and can be left on charge when not in use. Additional features include a refurbish program that will save you thousands of dollars.



Cat. No. 4256

Responder DC Vehicle Mount Charger Fully automatic. DC input DC output Hardwired directly to vehicle battery

• Dimensions: 14" L x 7" W x 8" D



Cat. No. 4329

Robocharge AC Input Shoreline Charger

Dimensions: 5" L x 4-1/2" W x 2" D

POPULAR XL 9208 ROBOPAK KITS

Power Hundreds of Tools

Cat. No. 5335

XL 9208 Robopak, 28v Milwaukee Adapter, 28v Miwaukee Recip. Saw, 4329 AC Charger

Cat. No. 5082 XL 9208 Robopak, 24v DeWalt Adapter, 4329 AC Charger



Cat. No. 5395 XL 9208 Robopak, 24v DeWalt Adapter, 4256 Responder Charger

XL 9208 Robopak, 7005 M1 Scene Light, Adapter, 4329 AC Charger

POPULAR XL 9208 TOOL ADAPTERS

28v Milwaukee Adapter

18v Milwaukee Adapter

18v Makita Ni-Cad Adapter

Cat. No. 5273

Cat. No. 5037

Cat. No. 5203

Cat. No. 5035 24v DeWalt Adapter

Cat. No. 5036 18v DeWalt Adapter

Cat. No. 5205 14.4v DeWalt Adapter







24v Hilti Ni-Cad Adapter Cat. No. 5235 Single 12v Power Receptical

Cat. No. 5236 **Dual 12v Power Receptical** All You Need

Is One Battery!

Extreme Run Times!

10-30 Times the Run **Times of Standard Cordless Batteries!**

*Other adapters and custom adapters available. Please call.



www.aircraftdynamics.com

XL 1808 ROBOPAK



Robocharge AC Input Shoreline Charger

• Dimensions: 5-1/2" L x 4" W x 4-1/2 D



"ULTRA-THIN"

This very popular Robopak has been designed to power hundreds of DC powered tools, lights and equipment that require up to 18v (Milwaukee, DeWalt, Hilti, Bosch, Makita, etc.) to operate. The XL 1808 can be taken where you need it. With the proprietary Variable Voltage "Plugand-Go" Power Receptacle, set up takes only seconds. Simply plug your adapter into the Robopak to get the proper voltage. Features include a heavy duty all weather high impact plastic casing with durable "O" rings and a shoulder strap. Charge friendly, the XL 9208 can be recharged at any point of discharge and can be left on charge when not in use. Additional features include a refurbish program that will save you thousands of dollars.

Cat. No. 4256

Responder DC Vehicle Mount Charger Fully automatic. DC input DC output. Hardwired directly to vehicle battery.

• Dimensions: 14" L x 7" W x 8" D



Power Hundreds of Tools

POPULAR XL 1808 ROBOPAK KITS

Cat. No. 5362

Cat. No. 5036

Cat. No. 5205

Cat. No. 5266

18v DeWalt Adapter

14.4v DeWalt Adapter

12v DeWalt Adapter

XL 1808 Robopak, 18v Milwaukee Adapter, 4275 AC Charger

Cat. No. 5365 XL 1808 Robopak, 18v DeWalt Adapter, 4275 AC Charger



Cat. No. 5369 XL 1808 Robopak, 18v DeWalt Adapter, 18v DeWalt Recip. Saw, 4275 AC Charger



All You Need Is One Batterv!

> Extreme **Run Times!**

10-30 Times the Run Times of Standard **Cordless Batteries!**



Cat. No. 5037 18v Milwaukee Adapter

Cat. No. 5203 18v Makita Adapter

POPULAR XL 1808 TOOL ADAPTERS

*Other adapters and custom adapters available. Please call.

Fire & Rescue Division Catalog

10

SPECIALTY ROBOPAKS

XL 12v/24v DUAL VOLTAGE - LITHIUM ION ROBOPAK

The only system of its kind in the world! The XL 12v/24v Dual Voltage Li-Ion Robopak is light weight and will provide extreme power and run times. Power all your tools, lights and equipment that require 12v-14.4v or 24v-28v to operate and get ten times the cycle life NEW of conventional batteries.

Proprietary system features high power output to weight ratio, high efficiency, excellent abuse tolerance, environmentally friendly and very long life. Cycle life at 10C and 100% discharge is over 1,000 cycles! This Robopak will last you years and save you hundreds if not thousands of dollars.

> Cat. No. 4045 Robocharge AC Charger

• Dimensions: 5" L x 4-1/2" W x 2" D

12V DELUXE PRO

The XL 12v Pro is a very powerful yet small compact battery system that incorporates a high technology battery warning and low voltage cut off system. Designed to power numerous types of lights, equipment and tools, this Robopak can be taken where you need it. Additional feature includes an internal battery replacement system that will save you hundreds of dollars.

Cat. No. 4346

Robocharge AC Charger

Dimensions: 5" L x 4-1/2" W x 2" D

Cat. No. 4302 Intelligent DC Vehicle Charger

XL 1200 "MINI-REMOTE"

The XL 1200 is very small. Easy to carry, you can power or charge numerous lights and equipment that require 12v to operate. Heavy duty all weather plastic casing with durable "O" rings.

Cat. No. 7870 **Fluorescent Light Only**

• Amp Hr. @ 12v7.2A

Dual Marine

12v Receptacles

• Dimensions: 8-1/4" L x 6-9/16"(H) x 3-9/16" D

• Weight: 6.5 lbs.

- Cat. No. 3045
 - Extreme Power
 - Lightweight
 - Extreme Cycle Life
 - Dimensions: 10-5/8" L x 9-11/16" W x 6-7/8" D
 - Weight: 15 lbs.



• Amp Hr. @ 12v 18.4A

• Amp Hr. @ 24v9.2A

Cat. No. 4346



Low Voltage Visual LED and Low Voltage Audible Warnings with Voltage **Cutoff** Feature

> **Small Portable Power System**

Dual Receptacles: Marine 12v Female Cig. Receptacle (12A) Marine Heavy Duty Female Locking Receptacle (20A)

- Amp Hr. @ 12v33A
- Dimensions: 10-5/8" L x 9-11/16" W x 6-7/8" D
- Weight: 30 lbs.

- Cat. No. 5352 Includes Robopak and AC Charger

www.aircraftdynamics.com 800-874-4702

Mailing: P.O. Box 3038 Elida, Ohio 45807

Shipping: 418 East Kiracofe Ave. Elida, Ohio 45807

800-874-4702 Fax: 800-456-9244



