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REMOTE AREA LIGHTING SYSTEMS (RALS)

CATALOGUE

JANUARY 2020

SINCE 1976

EMEA

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Check out our video on RALS!

RALS
Power.
Safety.
Clean Energy.
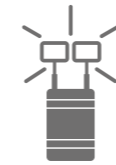
TABLE
+ OF CONTENTS

9455Z0 - WORLD'S SAFEST REMOTE AREA LIGHT

+ THE DANGER ZONE NEVER LOOKED SO BRIGHT

Now you can take remote area lighting to hazardous areas around the globe. The Peli™ 9455Z0 RALS is our first area light that's ATEX Zone 0 (Cat. 1) approved allowing you to work where flammable gases, vapors or liquids are present.

Weighing in at 7,3 kg and completely collapsible, the Peli™ 9455Z0 RALS is easy to carry and set up for the next task.

+ UNCOMPROMISING OUTPUT

Most safety certified lights use lower lumens to minimise heat generated by the lamp module. The result is a dimmer light and unsafe work areas. The Peli™ 9455Z0 RALS delivers on all cylinders without compromise. Our engineers developed the Peli™ 9455Z0 RALS to output up to 1600 lumens of clean, bright light that meets hazardous area requirements at the same time.

UP TO **1600** LUMENS

+ CHARGED FOR YOUR ENTIRE WORK SHIFT

Powered by a NiMH battery, the Peli™ 9455Z0 RALS extracts 10 hours on a single charge, while also maintaining peak brightness on the job. You'll never be caught in the dark- the flashing low battery warning gives you 30 minutes of reserve light.
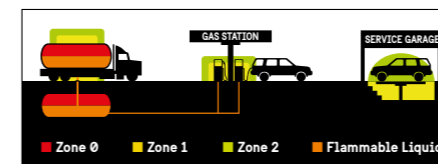
+ SEE EVERY NOOK AND CRANNY

The Peli™ 9455Z0 RALS projects a 125° beam spread that can help prevent workplace injuries. Conventional torches produce a narrow beam lighting up only small concentrated areas. The 125° beam spread from the Peli™ 9455Z0 RALS lights up the entire work area so you see the work at hand and the peripheral hazards around you, leading to better situational awareness.

70°   125°

Torch   Peli™ 9455Z0 RALS
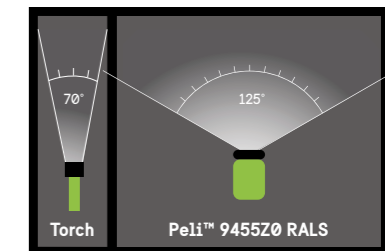
+ HAZARDOUS AREAS: WE TAKE CARE OF YOUR SAFETY

Ignition from lighting products can occur from either the heat of the lamp module or the activation switch, which can emit a spark when activated. The solution is to contain or reduce heat, and also isolate the switch in an airtight enclosure, preventing ingress of gases present in the environment.

GAS STATION   SERVICE GARAGE

■ Zone 0   ■ Zone 1   ■ Zone 2   ■ Flammable Liquid

HAZARDOUS AREA ELECTRICAL GUIDELINES					
	SUBSTANCE	TYPICAL ENVIRONMENTS	US CLASSIFICATIONS	EUROPEAN CLASSIFICATION	VOLATILITY*
CLASS I	Flammable Gasses, Vapors or Liquids (Acetylene, Hydrogen, Ethylene, Propane)	– Oil Refinery – – Paint Warehouse – – Offshore Oil Rig – – Spray Booth –	Division 1 (Hazard Likely)	Category 1 / Zone 0 (Hazard Certain)	MOST
				Category 2 / Zone 1 (Hazard Likely)	
			Division 2 (Hazard Not Likely)	Category 3 / Zone 2 (Hazard Not Likely)	
CLASS II	Combustible Dusts (Metals [Div.1 only], Coal, Grain)	– Coal Mine – – Grain Silo – – Munitions Factory – – Hay Storage Facility –	Division 1 (Hazard Likely)	Category 1 / Zone 20 (Hazard Certain)	
				Category 2 / Zone 21 (Hazard Likely)	
			Division 2 (Hazard Not Likely)	Category 3 / Zone 22 (Hazard Not Likely)	
CLASS III	Ignitable Fibers & Flyings (Machined Magnesium)	– Paper Mill – – Woodworking Facility – – Textile Mill – – Cotton Gin –	Division 1 (Hazard Likely)	N/A	
			Division 2 (Hazard Not Likely)	N/A	LEAST

* A torch certified to Category 1 (Zone 0) is safe for use in areas rated Category 2 (Zone 1) and Category 3 (Zone 2). Conversely the opposite is not possible. This information should be taken only as a guideline. Contact us for specific details on both, US and European Directives.

For the most up-to-date information, please visit www.peli.com or www.pelicatalogue.com
Please check www.pelicatalogue.com for logistic information

PELI **RALS CATALOGUE** | 3

+ HSE COMPLIANT LINEAR LIGHTING

Now it´s easy to light up long stretches of rail track, tunnels and even a makeshift runway without the hassles of conventional heavyweight light towers. The Peli™ 9600 LED Modular Light utilises specialist optics to offer continuous lighting in order to fully comply with the HSE (Health, Safety, Environment) requirement for illumination.

Also, with less 9600 lights chained up, you will be able to cover the same work area as other linear lights, having a cost-effective result.

PELI

OTHER
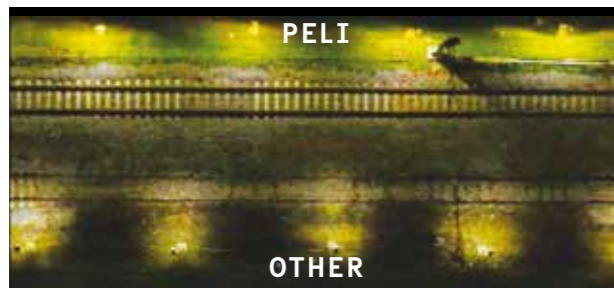
Peli™ 9600 LED Modular Light illuminates a clean, seamless beam spread without dark spots. Competitive lights produce a dull, uneven beam spread.

+ MULTIPLE WAYS TO LIGHT UP A WORK SITE

Engineered with side/end bracket mount receptors and four strap attachment points, plus a stand system that can extend up to 3 m, the Peli 9600 LED Modular Light is ready to mount to fences, hang overhead or stand on its own.
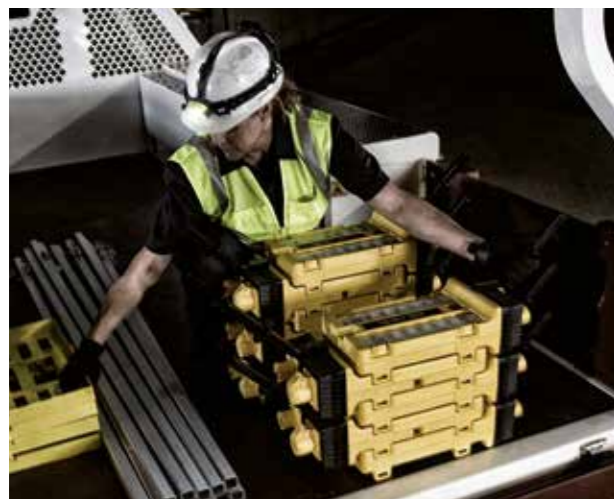
+ PACK TIGHT AND GAIN EFFICIENCY

The Interlocking Stack Pattern makes transportation and storage simple, resulting in a cost-effective use of space.

LEDs tilt 15° each way to adjust light wherever you need it

EU and UK plug available

+ ROBUST LIGHTING FOR HEAVY DUTY APPLICATIONS

The 9600 offers minimal light transmission loss in comparison to similar linear lights; the declared 3000 lumen value per light head is the true verified light output.

The durable design with internal shock supports has been tested onto concrete to withstand drops from 3 m and wind speeds of up to 40 km/h in extended mode (2,85 m mast) and up to 35 km/h when folded (1,85 m). Proof that this light has been designed for use in extreme outdoor conditions.

9600

LIGHT SOURCE//
LED

DIMENSIONS HEAD//
46.5 x 21 x 12 cm
(18.31" x 8.27" x 4.72")

LIGHT HEAD HEIGHT (MAX.)//
289.6 cm (114")

CORD LENGTH//
1402.1 cm (552")

BEAM SPREAD//
120º

INPUT VOLTAGE//
90 – 260V

POWER//
23 Watts

LUMENS//
3000

NUMBER OF LEDS//
14

WEIGHT//
4.1 kg (9.04 lbs)

COLOUR//

+ KEY BENEFITS

- HSE Compliant. Wider work area: dark spots elmininated (reduce slips/falls)
- Low power (fewer generators)
- Reduced fuel consumption
- Reduced breakages / longer service / less downtime
- Compact & easy to transport / deploy
- No glass breakables
- Maintenance free

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PORTABLE LED WORKLIGHT SOLUTIONS

The Remote Area Lighting Systems from Peli brings several dynamic products to the market, offering up to 28 hours of bright LED light.*

The all-encompassing product line spans from the compact single head 9430 (that fits easily into confined spaces) to the four head 9470 (which is capable of turning night into day). Units employ a silent, rechargeable sealed battery, freeing users to work virtually anywhere, on or off the grid, without a generator. Each RALS is designed with LED technology to provide a better quality of light, high reliability and low energy consumption. The result is an energy efficient lighting solution with low long-term operating and maintenance costs.

*Stated run times based on low power setting and consecutive head activation. High power and simultaneous head use will lower total run time.

9430

LIGHT SOURCE//
High Flux LEDs

DIMENSIONS//
40 x 20 x 23 cm
(15.75" x 7.87" x 9.06")

LIGHT HEAD HEIGHT (MAX.)//
82 cm (32.28")

BEAM SPREAD//
125º

• Large Area Coverage
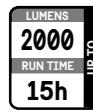• Low Battery Warning System

LUMENS 3000
RUN TIME 15h
UP TO

9430SL

LIGHT SOURCE//
High Flux LEDs

DIMENSIONS//
40 x 20 x 23 cm
(15.75" x 7.87" x 9.06")

LIGHT HEAD HEIGHT (MAX.)//
82 cm (32.28")

BEAM SPREAD//
Focused 10º Spot Beam

• 182 m Reach

LUMENS 2000
RUN TIME 15h
UP TO

9455Z0

LIGHT SOURCE//
High Flux LEDs

CLOSED DIMENSIONS//
39 x 20 x 23 cm
(15.35" x 7.87" x 9.06")

LIGHT HEAD HEIGHT (MAX.)//
80 cm (31.50")

BEAM SPREAD//
125º

CERTIFICATIONS//
II 1G Ex ia op is IIC T4 Ga

• Full Time Battery Level Indication with low battery warning
• High/Low/Flashing modes

SAFETY CERTIFIED

LUMENS 1600
RUN TIME 10h
UP TO
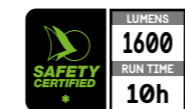
9480

LIGHT SOURCE//
High Flux LEDs

DIMENSIONS//
39.4 x 16.5 x 26 cm
(15.5" x 6.5" x 10.25")

LIGHT HEAD HEIGHT (MAX.) //
60.3 cm (23.75")

BEAM SPREAD//
125º

• 3 pre-set light output levels
• Full time battery level indication with low level flashing indicator
• Quick release / Hot swappable battery design with 12 volt power supply

LUMENS 4000
RUN TIME 28h
UP TO

9440

LIGHT SOURCE//
High Flux LEDs

DIMENSIONS//
95 x 20 cm
(37.4" x 7.87")

LIGHT HEAD HEIGHT (MAX.)//
215.8 cm (85.0")

BEAM SPREAD//
125º

• Deployable 2,13 m Mast
• Battery level indicator

LUMENS 5300
RUN TIME 8h
UP TO

75%
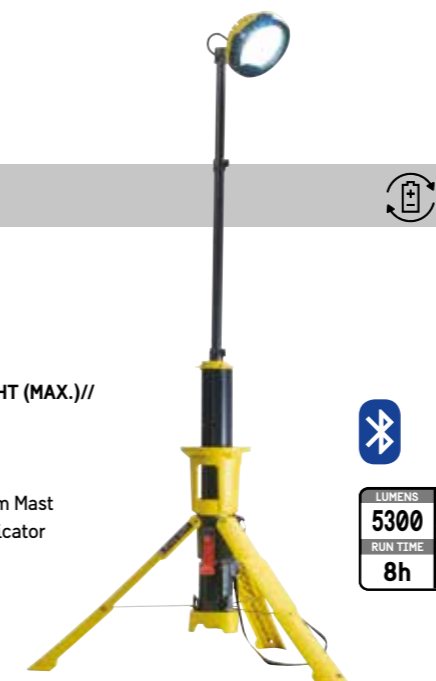
*For more information on the ATEX Zone 0 & 1 lights, see page 3

9490

LIGHT SOURCE//
High Flux LEDs

DIMENSIONS//
50.8 x 16.5 x 28.6 cm
(20.0" x 6.5" x 11.25")

LIGHT HEAD HEIGHT (MAX.)//
182.8 cm (72.0")

BEAM SPREAD//
125º

• Deployable 1,83 m Mast
• Intelligent Control
  (allows various light output levels)
• Full time battery level indication with
  low level flashing indicator
• Quick release / Hot swappable battery
  design with 12 volt power supply

LUMENS
6000
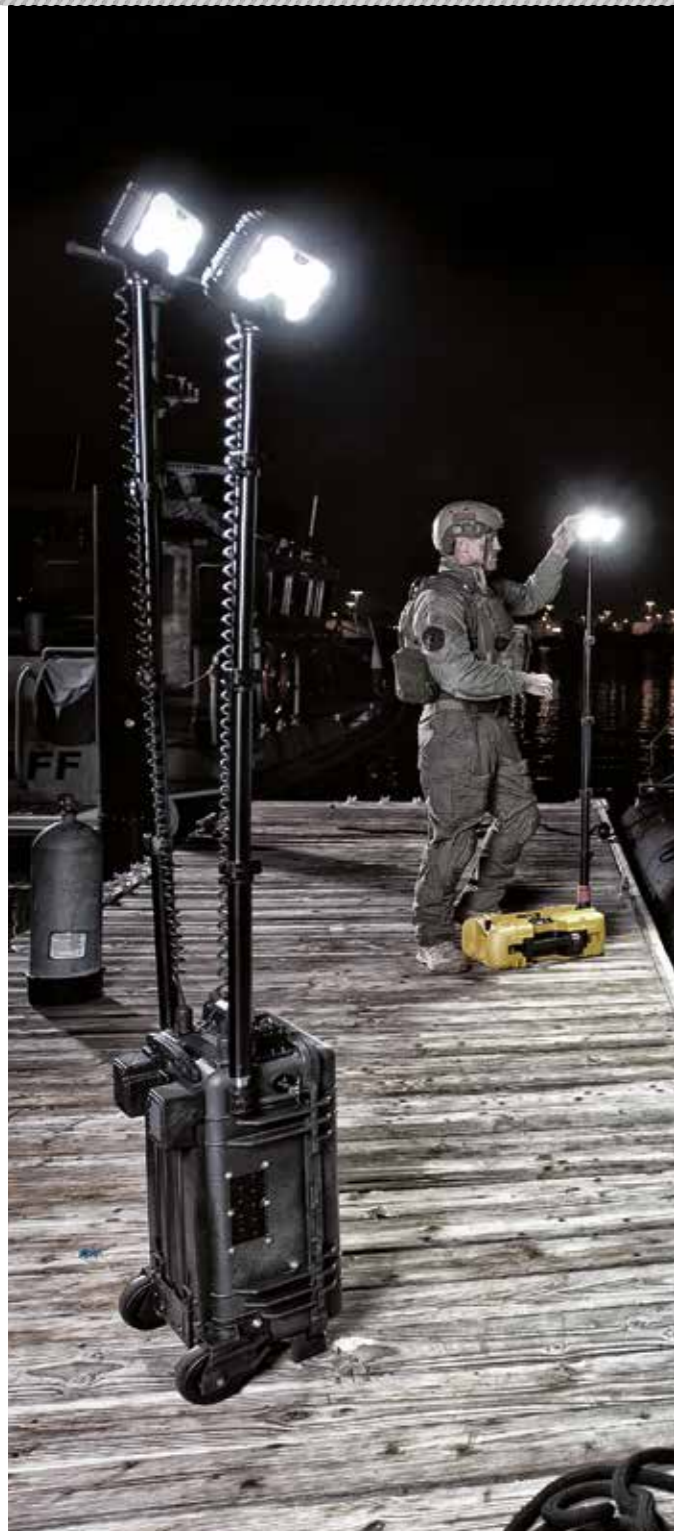**RUN TIME UP TO**
24h

9460

LIGHT SOURCE//
High Flux LEDs

DIMENSIONS//
59.1 x 35.6 x 23.5 cm
(23.25" x 14.00" x 9.25")

LIGHT HEAD HEIGHT (MAX.)//
201.9 cm (79.50")

BEAM SPREAD//
120º

• 12volt Power Supply with Dual USB Adapter
• Full time battery level indication
  with low level flashing indicator
• Housed in a Peli™ Protector Case™

LUMENS
12000
RUN TIME UP TO
24h

9470

LIGHT SOURCE//
High Flux LEDs

DIMENSIONS//
62.9 x 50.8 x 29.8 cm
(24.75" x 20.00" x 11.75")

LIGHT HEAD HEIGHT (MAX.)//
208.3 cm (82.00")

BEAM SPREAD//
120º

• 12volt Power Supply with Dual USB Adapter
• Full time battery level indication
  with low level flashing indicator
• Housed in a Peli™ Protector Case™

LUMENS
24000
RUN TIME UP TO
24h

9460M

LIGHT SOURCE//
High Flux LEDs

DIMENSIONS//
59.1 x 35.6 x 23.5 cm
(23.25" x 14.00" x 9.25")

LIGHT HEAD HEIGHT (MAX.)//
201.9 cm (79.50")

BEAM SPREAD//
120º

• Multi-Terrain Trolley
• 12volt Power Supply with Dual USB Adapter
• Housed in a Peli™ Protector Case™

LUMENS
12000
RUN TIME UP TO
24h

9470M

LIGHT SOURCE//
High Flux LEDs

DIMENSIONS//
62.9 x 50.8 x 29.8 cm
(24.75" x 20.00" x 11.75")

LIGHT HEAD HEIGHT (MAX.)//
208.3 cm (82.00")

BEAM SPREAD//
120º

• Multi-Terrain Trolley
• 12volt Power Supply with Dual USB Adapter
• Housed in a Peli™ Protector Case™

LUMENS
24000
RUN TIME UP TO
24h

www.bf-koeln-einsaetze.de

FEATURES

12V POWER SUPPLY WITH DUAL USB ADAPTER
(ONLY ON 9460/M, 9470/M)

12 volt power supply port can be used to power any electrical product that utilizes a standard 12v vehicle style connector (up to 4 amps) or a variety of USB connections.

BLUETOOTH™ CONTROL
(ONLY ON 9440, 9460/M, 9470/M, 9480, 9490)

65%

Bluetooth app controls multiple units and variable light from 0-100% output. Free App for iOS™ and Android™.

MULTI-TERRAIN TROLLEY
(ONLY ON 9460M, 9470M)

Large 1.5 inch polyurethane wheels allow for easier transport across rough surfaces. Molded feet level and stabilize case.

SWAPPABLE POWER PACK
(ONLY ON 9480, 9490)

Swappable power pack w/12v aux. port adapter powers smartphones, laptops, etc.

BATTERY LEVEL INDICATOR

Full time battery level indication.

For the most up-to-date information, please visit www.peli.com or www.pelicatalogue.com
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RALS SPECIFICATIONS

MODEL	9430	9430SL	9440	9455Z0 (Ex)	9460/M	9470/M	9480	9490	9600
LIGHT SOURCE	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs
LAMP HEADS	1	1	1	1	2	4	1	1	1
NO. OF LEDS	6	24	12	10	20	40	8	10	14
BEAM SPREAD	125º	10º	125º	125º	120º	120º	125º	125º	120º
BATTERIES	12v Rechargeable, Sealed	12v Rechargeable, Sealed	Rechargeable Lithium ion	NiMH	12v Rechargeable, Sealed	12v Rechargeable, Sealed	12v Rechargeable, Sealed Lead Acid SLA	12v Rechargeable, Sealed Lead Acid SLA	n/a
CALCULATED LUMEN VALUE	3000*, 1500***	2000*, 1000***	5300*, 2800**, 1400***	1600*, 800***	12000*	24000*	4000*, 3000**, 1000***	6000*	3000
BATTERY RUN TIME	8h*, 15h***	8h*, 15h***	1h 50m*, 4h**, 8h***	5h*, 10h***	3h*, 24h***	2.75h*, 24h***	6h*, 8h**, 28h***	3.5h*, 12h**, 24h***	
DIMENSIONS (CLOSED)	40 x 20 x 23 cm (15.75" x 7.87" x 9.06")	40 x 20 x 23 cm (15.75" x 7.87" x 9.06")	95 x 20 cm (37.4" x 7.87")	39 x 20 x 23 cm (15.35" x 7.87" x 9.06")	59.1 x 35.6 x 23.5 cm (23.25" x 14.00" x 9.25")	62.9 x 50.8 x 29.8 cm (24.75" x 20.00" x 11.75")	39.4 x 16.5 x 26 cm (15.5" x 6.5" x 10.25")	50.8 x 16.5 x 28.6 cm (20.0" x 6.5" x 11.25")	Cord Length: 1402.1 cm (552")
HEAD	16.5 x 20 x 6.5 cm (6.5" x 7.87" x 2.56")	16.5 x 20 x 6.5 cm (6.5" x 7.87" x 2.56")	20 x 20 x 8.9 cm (7.87" x 7.87" x 3.5")	21 x 14.5 x 5 cm (8.26" x 5.71" x 1.97")	21 x 14.6 x 5.7 cm (8.25" x 5.75" x 2.25")	21 x 14.6 x 5.7 cm (8.25" x 5.75" x 2.25")	21 x 14.6 x 5.7 cm (8.25" x 5.75" x 2.25")	21 x 14.6 x 5.7 cm (8.25" x 5.75" x 2.25")	46.5 x 21 x 12 cm (18.31" x 8.27" x 4.72")
LIGHT HEAD HEIGHT (MAX.)	82 cm (32.28")	82 cm (32.28")	215.9 cm (85.0")	80 cm (31.50")	201.9 cm (79.50")	208.3 cm (82.00")	60.3 cm (23.75")	182.8 cm (72.0")	289.6 cm (114")
WEIGHT	10.27 kg (22.65 lbs.)	10 kg (22.05 lbs.)	7.3 kg (16.09 lbs.)	7.3 kg (16.09 lbs.)	27.7 kg (61.00 lbs.)	49 kg (105 lbs.)	12.5 kg (27.5 lbs.)	14.51 kg (32.0 lbs.)	4.1 kg (9.04 lbs)
COLOURS	■ ☐	■	■ ☐	☐	■ ☐	■ ☐	■ ☐	■ ☐	☐
APPROVALS	CE, RoHS Compliant	CE, RoHS Compliant	CE, RoHS Compliant	II 1G Ex ia op is IIC T4 Ga	CE, RoHS Compliant	CE, RoHS Compliant	CE, RoHS Compliant	CE, RoHS Compliant	
IP RATING	54	54	65	54	54	54	54	54	44

*High | **Medium | ***Low | ^ Figures calculated from LED manufacturer data | Additional approvals may apply. For details go to www.peli.com

RALS ACCESSORIES

9430	9430SL	9440	9455Z0	9460/M	9470/M	9480	9490	9600
9430TP - Tripod	9430TP - Tripod	9446 - 12/24v DC Vehicle Charger	1460AALG - 1460 Case with Custom Fit Foam	9466 - 12/24v Vehicle Adaptor	9466 - 12/24v Vehicle Adaptor	9447 - 12/24v Vehicle Charger	9447 - 12/24v Vehicle Charger	9607 - Steel Light Base
9432 - Backpack	9432 - Backpack	9447 - 12/24v Vehicle Charger		9466B - 12/24V Vehicle Charger	9467 - Gen II Extension Cord (Green Connector) 118 inches (3m)	9483 - Power Supply Assembly	9483 - Power Supply Assembly	9606 - Power Cable
9433B - Socket Adaptor	9436 - 12/24V Vehicle Charger	9483 - Power Supply Assembly		9467 - Gen II Extension Cord (Green Connector) 118 inches (3m)		9487 - Padded Shoulder Strap	9487 - Padded Shoulder Strap	9605 - Aluminium Pole
9436B - 12/24V Vehicle Charger	9437 - Gen I Extension Cord (Blue Connector) 118 inches (3m)					9489 - Powerpack	9489 - Powerpack	
9437B - Extension Cord (Black Connector) 118 inches (3m)								
9438B - Universal Charger								
9483 - Power Supply Assembly								