

 **NIGHTSEARCHER**

LIGHTING THE FUTURE
2013-2014

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Looking for innovative lighting solutions that won't cost the Earth? It's time to call off the search.

Welcome to the latest catalogue from NIGHTSEARCHER where you'll find efficient, effective and high-quality lighting products for professionals.

NIGHTSEARCHER has been designing and manufacturing lighting solutions in-house for almost 25 years including searchlights, handlamps, floodlights, flashlights and headtorches. Our prestigious client base includes industries and organisations worldwide such as the police, engineers, farmers, the military and railway.

As lighting visionaries, we're dedicated to developing LED lighting to extend running times, enhance performance and reduce energy usage. This dedication has resulted in innovative upgrades and improvements to our LED products, all of which are featured in this new catalogue.

The benefits of LED lighting are both instant and long-lasting and include:

- ✦ low heat
- ✦ better value
- ✦ clearer white light
- ✦ environmentally friendly
- ✦ more efficient, giving longer running times
- ✦ 50,000 hour life (no need to replace bulbs)
- ✦ different modes – high/low/flashing/strobe
- ✦ more shock/vibration resistant than traditional bulbs

We're proud that our passion for lighting innovation has resulted in the world's most powerful portable LED floodlight with less heat, weight, emissions, fuel and trailing cables than halogen-based lights operating off generators. So if you want to increase your lighting efficiency whilst reducing your carbon footprint call us on +44 (0)23 9238 9774 or email sales@nightsearcher.co.uk and discover the benefits of LED lighting for yourself.

Colin Howard
Managing Director



QUICK SYMBOLS GUIDE



LUMENS

Indicates the maximum level of lumens.



BEAM DISTANCE

The beam distance the unit can achieve on full power.



FLASHING

Indicates the unit has flashing mode.



WATER RESISTANCE

Identifies the IP rating - level of water resistance.



POWER MODE

This symbol is present where the unit has multiple light modes i.e. Hi/Low.



DEFENCE STROBE

Some flashlights/searchlights have a strobe function for defence.



FIND ME

This symbol indicates the unit has a setting where the unit will flash red to aid location when switched off.



SPOT TO FLOOD

This unit operates a spot to flood setting.



LINK-UP

NightSearcher Ltd are Link-Up approved (UK rail supplier qualification scheme).



ISO

Nightsearcher Ltd are UKAS registered certification to ISO 9001:2008.



ENVIRONMENTALLY FRIENDLY

All new products are designed to minimise our impact on the environment.

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PANTHER LED RANGE

The **PANTHER RANGE** consists of very powerful, robust, rechargeable searchlights used by Police, Military, Search & Rescue and Utility Companies.

They are virtually unbreakable and incorporate a toughened lens and shock resistant polyethylene plastic casing. They can be used in all weather conditions.

All models are supplied with mains charger, shoulder carrying strap and an adjustable stand.

LED benefits include:

- More efficient, giving longer running times
- 50,000 hour life (no need to replace bulbs)
- Clearer white light
- Low heat
- Different modes – high/low/flashing/strobe



Battery Options



Sealed Lead Acid

or

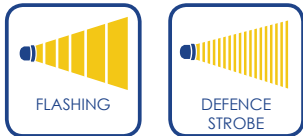
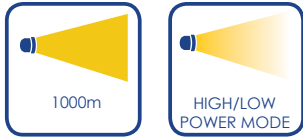


Lithium-ion

Lithium-ion benefits include:

- Lightweight and compact
- No maintenance and can be left in any state of charge

PANTHER LED & LED LITE



- LED Rechargeable searchlight
- 1000 metre beam
- 1500 | 1000 lumens
- 4 modes: high, low, flashing, strobe
- Supplied with a mains charger
- Battery charging indicator (red to green)

Two optional battery choices



PANTHER LED & PANTHER LED LITE

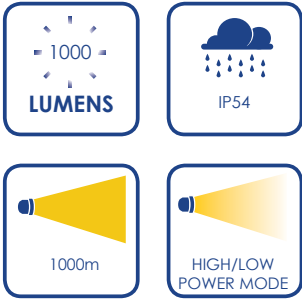
These models are our most powerful LED searchlights, providing an incredible 1500 lumens light output from the efficient high powered Cree® LEDs. Used by Police Forces, Military, Search & Rescue teams, Coastguard, Railways and Utility Companies.

Two optional battery choices	PANTHER LED	PANTHER LED LITE
	5h 10h30 3kg SLA	8h 14h 1.6kg Powered by LI-ION Technology
Run time	5h 10h30	8h 14h
Battery	12V 7Ah SLA	14.8V 7.8Ah Li-ion
Product weight (kg)	3	1.6
Boxed weight (kg)	3.5	2.1
Part No.	NSPANTHERLED	NSPANTHERLEDLITE
CAT/PAD No.	Coming soon	LED LITE 0111/106466
NATO CODE	6230-99-458-9592	

PANTHER LED / PANTHER LED LITE	
Charge time	8h
Product size (mm)	L260 x W150 x H180
Boxed size (mm)	L269 x W224 x H204

OPTIONAL EXTRAS	
Vehicle charger	Protective carry case
Vehicle charging base (CB option)	IP65 version available
Vehicle/wall mounting bracket	Diffused and coloured filters

PANTHER XM-L






- High power LED searchlight
- 1000 metre spot beam
- 1000 | 500 lumens
- 2 light modes: high and low
- Supplied with a mains charger
- Battery charging indicator (red to green)



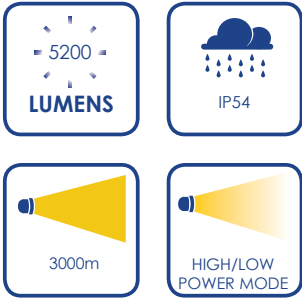
PANTHER XM-L

The Standard PANTHER model has now been upgraded with the latest LED technology (XM-L) increasing the running time to 5hrs on full and 10hrs on half power. The unique deep dish reflector enables maximum distance to lumen ratio achieving a 1000m beam from only 1000 lumens; it's also been upgraded to Li-ion giving the unit a massive weight reduction of 2.6kg! Now only 0.896kg it is our lightest in the range and offers exceptional value for money.

PANTHER XM-L	
 5h 10h	 0.896kg
	
Run time	5h 10h
Battery	Li-ion 3.6V 10.4Ah
Product weight (kg)	0.896
Boxed weight (kg)	1.6
Charge time	10-12h
Product size (mm)	L260 x W150 x H180
Boxed size (mm)	L269 x W224 x H204
Part No.	NSPANTHERXML
CAT/PAD No.	0111/108311



PANTHER HID




- High intensity, long distance searchlight
- 3000 metre beam
- 5200 lumens
- 2 light modes: high and low
- 50W HID Xenon main bulb, 3W Luxeon Star secondary bulb, adjustable stand
- Supplied with a mains charger
- Battery charging indicator (red to green)




PANTHER HID

The PANTHER HID is the most powerful searchlight in the range. The High Intensity Discharge Xenon (HID) will give over 3 times more light than our existing models (5200 lumens). Its incredible beam makes it ideal for search and rescue and is used widely by RAF Mountain Rescue teams. Operating for 2hrs on full beam and 18hrs from a powerful 3W LED.


PANTHER HID	
	2h 18h
	1.6Kg
	Powered by LI-ION Technology
Run time	2h 18h
Battery	14.8V7.8Ah Li-ion
Product weight (kg)	1.6
Boxed weight (kg)	2.3
Charge time	6h
Product size (mm)	L260 x W150 x H180
Boxed size (mm)	L280 x W175 x H200
Part No.	NSPANTHERHID
CAT/PAD No.	Coming soon
NATO CODE	6230-99-332-8452



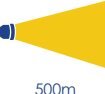
OPTIONAL EXTRAS
Vehicle charger




750
LUMENS



IP54



500m



HIGH/LOW
POWER MODE



- Compact rechargeable searchlight
- 500 metre beam
- 750 lumens
- 2 light modes: high and low
- Supplied with a mains charger and shoulder strap
- Battery charging indicator (red to green)



PUMA

The rechargeable PUMA is a lightweight, compact version of the PANTHER, used for professional applications by Emergency Services, Utility Companies, Security Organisations, and both Military and Civilian Rescue teams. Used in all weather conditions it is virtually unbreakable, incorporating a toughened glass lens and a shock resistant polyethylene plastic case.

PUMA



1h30 | 48h



2.1Kg

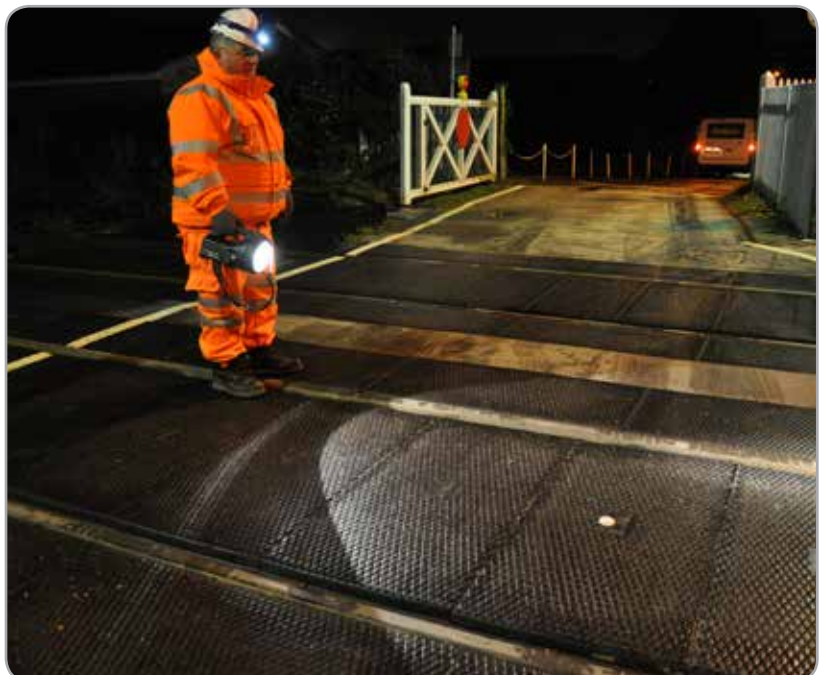


SLA

Run time	1h30 48h
Battery	12V 4Ah lead acid
Product weight (kg)	2.1
Boxed weight (kg)	2.5
Charge time	8h
Product size (mm)	L215 x W120 x H140
Boxed size (mm)	L220 x W200 x H160
Part No.	NSPUMA
CAT/PAD No.	Coming soon
NATO CODE	6230-99-382-4525

OPTIONAL EXTRAS

Vehicle charger







- 400 metre spot beam
- 210 | 20 lumens
- 3 light modes: high, low and flashing
- Wrist strap
- Supplied with a mains charger and vehicle charger
- Battery charging indicator (red to green)

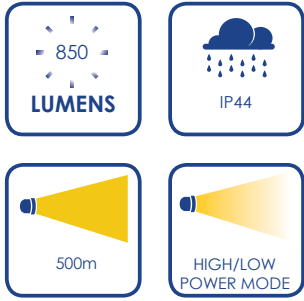
TRIGGER

The TRIGGER is the first lightweight LED alternative to 2-3 million candle power halogen searchlights, which are very inefficient compared to the LED TRIGGER. The unique deep reflector system combined with high intensity Cree® LED provide a spot beam able to cover vast areas. Using only 210 lumens, it offers 5 times the performance of conventional searchlights.

TRIGGER	
	 3h+ 24h  0.70Kg
Run time	3h+ 24h
Battery	4.8v 2.2Ah Ni-MH
Product weight (kg)	0.70
Boxed weight (kg)	0.90
Charge time	8h
Product size (mm)	L260 x W150 x H180
Boxed size (mm)	L269 x W224 x H204
Part No.	NSTRIGGER
CAT/PAD No.	0111/106467



SL850 LED



- Rechargeable LED spotlight
- 500 metre beam
- 850 lumens
- 3 light modes: high, low and amber flashlight
- Supplied with a mains and vehicle charger
- Battery charging indicator (red to green)
- Weatherproof casing



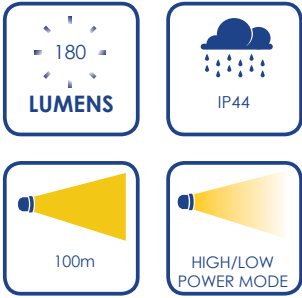
SL850

The SL850 offers an upgraded improvement for heavy and inefficient halogen searchlights. Its light output is equivalent to 10 MCP from a single LED giving much greater run times and no bulb replacements as the LED will never need to be replaced (LEDs offer 50,000h lifetime). The SL850 has two different modes of brightness; high and low (where longer running times are required). The spotlight also features an amber flashlight light which is for use in an emergency or for signalling.

SL850 LED	
	4h 10h
	1.34Kg
	SLA
Run time	4h 10h
Battery	4v 5.5Ah SLA
Product weight (kg)	1.34
Boxed weight (kg)	1.8
Charge time	20h
Product size (mm)	L226 x W165 x H179
Boxed size (mm)	L245 x W180 x H200
Part No.	NS850
CAT/PAD No.	Coming soon



SL180 LED



Two position handle



- Rechargeable LED spotlight
- 100 metre beam
- 180 lumens
- 2 light modes: high and low
- Supplied with a mains and vehicle charger
- Battery status indicator
- Weatherproof casing



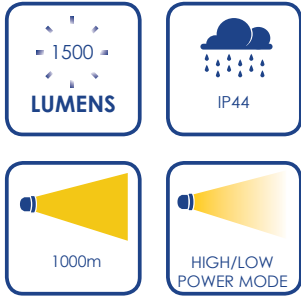
SL180 LED

The SL180 LED is an ultra lightweight and highly compact LED spotlight, offering 180 lumens and a long distance beam. With two selectable modes of brightness, the lower setting is ideal for closer applications and extended running times. The robust casing is drop, shock and water resistant and includes an integrated adjustable stand and swivel handle (adjustable through 90°) allowing a pistol grip for searchlight applications or a carry handle for general hand lamp operation.

SL180 LED		
 4h 10h	 0.54Kg	
Run time	4h 10h	
Battery	4v 1.4Ah SLA	
Product weight (kg)	0.54	
Boxed weight (kg)	1.04	
Charge time	12h	
Product size (mm)	L184 x W119 x H150	
Boxed size (mm)	L200 x W160 x H120	
Part No.	NSSL180	
CAT/PAD No.	Coming soon	



NS750



- High power rechargeable utility searchlight
- 1000 metre beam
- 1500 lumens
- 2 light modes: high and low
- Detachable head and coiled lead
- Highly polished reflector for even beam spread
- Supplied with a mains charger, vehicle charger and shoulder strap.
- Battery charging indicator (red to green)



NS750

The NS750 is a rechargeable and highly versatile searchlight, using a 50 Watt halogen lamp to produce a 1000m beam. Ideal for Utility Companies and Railway inspection use. The head is detachable to reduce manual handling while the battery pack can be carried using the shoulder strap.

NS750	
Run time	1h30 8h
Battery	12V 7Ah SLA
Product weight (kg)	3.1
Boxed weight (kg)	3.8
Charge time	8h
Product size (mm)	L250 x W115 x H280
Boxed size (mm)	L269 x W224 x H204
Part No.	NS750
CAT/PAD No.	Coming soon



NS750 LED & LED LITE







- High performance rechargeable LED utility searchlight
- 1000 metre beam
- 1500 | 1000 lumens
- 4 modes: high, low, flashing, strobe
- 5° optics for long distance and even beam spread
- Supplied with a mains charger
- Battery charging indicator (red to green)

Two optional battery choices



NS750 LED AND LED LITE

This is the LED version of the NIGHTSEARCHER NS750 designed in conjunction with UK Power Networks. However, it is also ideal for inspection tasks across all sectors. Using 9 powerful Cree® LEDs, a light output of 1500 lumens is achieved on high, along with a 1000 metre beam. The LEDs now ensure a much longer running time, enough to cover an 8 hour shift.

Two optional battery choices	NS750 LED			NS750 LED LITE		
	 5h 10h30	 3.1Kg	 SLA	 8h 14h	 1.7Kg	
Run time	5h 10h30			8h 14h		
Battery	12V 7Ah SLA			14.8V 7.8Ah Li-ion		
Product weight (kg)	3.1			1.7		
Boxed weight (kg)	3.8			2.2		
Part No.	NS750LED			NS750LEDLITE		
CAT/PAD No.	Coming soon			Coming soon		

NS750 LED / NS750 LED LITE	
Charge time	8h
Product size (mm)	L250 x W115x H280
Boxed size (mm)	L269 x W224 x H204



TRIO 230 LI-ION



- Long running rechargeable LED handlamp
- 400 metre beam distance
- 230 lumens
- 3 light modes: high, low and flashing
- Wrist strap
- Supplied with a mains charger and vehicle charger, shoulder strap and wall bracket
- Battery charging indicator (red to green)
- Available in dark grey or Hi-Vis yellow

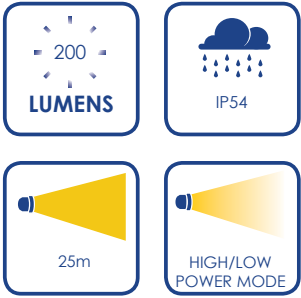


TRIO 230 LI-ION

The TRIO is now upgraded to Li-ion technology reducing the weight and eliminating the need for battery management. With a long range beam of up to 400m, the TRIO is ideal for Patrolling, Security Guards, Search & Rescue, and with robust construction it's durable enough for all applications. The TRIO features an emergency function to automatically illuminate in the event of a power cut. It can be mounted on walls or vehicles using the bracket supplied.

TRIO 230 LI-ION	
 5h30 11h 11h	 0.7kg
	
Run time	5h30 11h 11h
Battery	3.7v 4.5Ah Li-ion
Product weight (kg)	0.7
Boxed weight (kg)	1.0
Charge time	12h30
Product size (mm)	L189 x W112 x H128.5
Boxed size (mm)	L240 x W136 x H130
Part No.	NSTRIO230 NSTRIO230Y
CAT/PAD No.	Coming soon





Charging indicator



Hanging hook



- Professional rechargeable LED inspection lamp
- 200 lumens
- 2 light modes: spot and flood beams
- Supplied with charging base and mains adaptor
- Battery charging indicator (red to green)

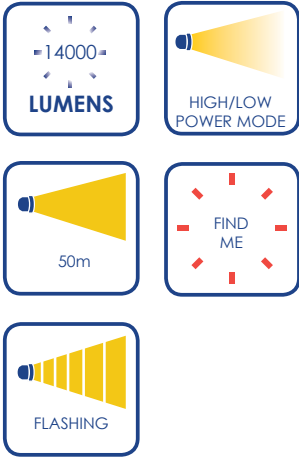


3LED

A choice of two selectable modes, a high intensity flood inspection (2x 1W LED) and a spot beam for torch function. The integrated magnetic back and foldable hanging hook allow a choice of mounting options. Powered by a high capacity Lithium-ion battery, running for up to 7 hours per charge. The charging base can be mounted to walls and will recharge the lamp in under 4 hours. Manufactured in heavy duty rubber casing with a virtually unbreakable polycarbonate lens, it is shock, water and oil resistant with an IP54 rating.

3LED	
 3h30 7h	 0.252kg
	
Run time	3h30 7h
Battery	3.6v 2Ah Li-ion
Product weight (kg)	0.252
Boxed weight (kg)	0.65
Charge time	4h
Product size (mm)	L95 x Dia.29
Boxed size (mm)	L275 x W176 x H69
Part No.	NS3LED
CAT/PAD No.	Coming soon

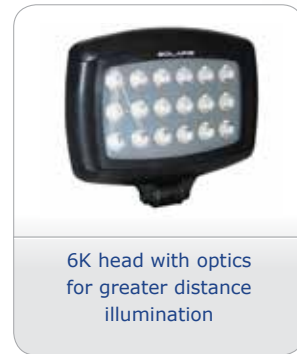




- Rechargeable LED floodlight
- Up to 14000 lumens
- 5 light modes
- Supplied with extension pole and mains charger
- Battery status indicator (red/amber/green)

SOLARIS MAXI

An adaption of the original MAXI 9000, the Solaris MAXI is an LED alternative to the previous fluorescent light head.



Two optional battery choices	SOLARIS MAXI 24Ah	SOLARIS MAXI 38Ah
Battery	12V 24Ah SLA	12V 38Ah SLA
Product weight (kg)	13.1	18.1
Boxed weight (kg)	14.9	19.9
Charge time	7h	10h
Power pack size (mm)	L225 x W200 x H150	L225 x W200 x H150
Head size (mm)	L300 x W58 x H248	L300 x W58 x H248
Boxed size (mm)	L1115 x W220 x H300	L1115 x W220 x H300
CAT/PAD No.	Coming soon	Coming Soon

14K HEAD OPTION - Widespread flood		
Run time	1h30 3h 9h 44h	2h30 6h 15h 70h
Light output	14000 6000 3500 1000	14000 6000 3500 1000
Part No.	NSSOLARISMAXI14K-24	NSSOLARISMAXI14K-38

6K HEAD OPTION - Built in optics for extra distance		
Run time	3h30 7h	6h 15h
Light output	6000 3500	6000 3500
Part No.	NSSOLARISMAXI6-24	NSSOLARISMAXI6-38

Choice of 2 models available, SOLARIS LITE and SOLARIS DUO



Optional Stability Legs



Solaris Lite



Solaris Duo



POWERFUL, PORTABLE, RECHARGEABLE, LED FLOODLIGHTING

The SOLARIS RANGE continues to lead the way in innovative portable LED floodlighting. Each unit can be tailored to fit your requirements, however demanding the specification. The increase in case styles, battery types and optics make this range by far the most adaptable units available on the market.

The SOLARIS RANGE offers the perfect balance of flood and distance, whilst eliminating glare, giving a cool running shadow-free white light.

Supplied and incorporated in a specialist, robust outdoor case, the SOLARIS RANGE truly is the best replacement for generator powered halogen as they are fully portable, emit no noise or emissions and run cool making them safe for confined spaces. All units can be fully assembled in minutes.

LED benefits include:

- More efficient, giving longer running times
- 50,000 hour life (no need to replace bulbs)
- Clearer white light
- Low heat
- Different modes – high/low/flashing/strobe

Battery Options



Sealed Lead Acid

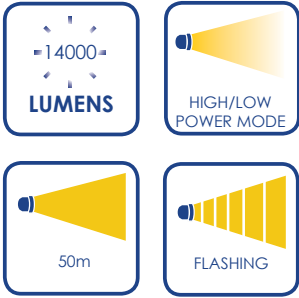
or



Lithium-ion

Lithium-ion benefits include:

- Lightweight and compact
- No maintenance and can be left in any state of charge



- Lightweight and portable
- LED floodlight
- Up to 14000 lumens
- 5 light modes
- Supplied with mains charger, diffused filter and shoulder strap
- Extension pole; extends from 500mm-1000mm; maximum height 1.3m

SOLARIS LITE AND LITE LI-ION

The SOLARIS LITE are our most compact and lightweight rechargeable LED floodlight. Can be set up and working in a few seconds making it ideal for emergency situations, offering a very high light output up to 14000 lumens. Can be very easily carried over the shoulder, making it ideal to be used in remote areas. The Li-ion option gives greater portability weighing just 5.6kg.

Two optional battery choices





SLA



Powered by

LI-ION Technology





Two optional battery choices	 SOLARIS LITE 	 SOLARIS LITE LI-ION 
Battery	12V 17Ah SLA	14.8V 18.2Ah Li-ion
Charge time	8h	7h
Product weight (kg)	9.5	5.7
Boxed weight (kg)	11.8	6.3
CAT/PAD No.	Coming Soon	Coming Soon

Two optional head choices	6K 	14K 
Run time	2h30 7h	1h30 3h 7h 36h
Light output	6000 3500	14000 6000 3500 1000
Part No. (SLA)	NSSOLARISLITE6K	NSSOLARISLITE14K
(Li-ion)	NSSOLARISLITE-LI-ION-6K-2AMP	NSSOLARISLITE-LI-ION14K-2A
CAT/PAD No.	Coming Soon	0111/108165

SOLARIS LITE / LITE LI-ION	
Boxed size (mm)	L460 x W320 x H280
Head size (mm)	L300 x W58 x H248
Case size (mm)	L250 x W180 x H140

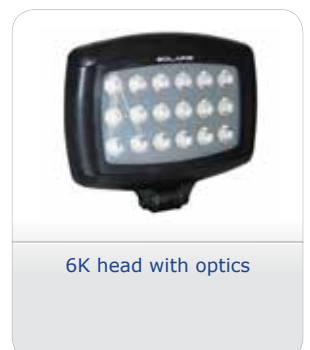
OPTIONAL EXTRAS
Diffused lens; red, green, blue, yellow
16A charger to enable use of lamp whilst charging battery
Car adaptor / 5m extension lead
Magnetic base / mounting clamp



- High powered LED floodlight system
- Up to 28000 lumens (DUO)
- 360° swivel and 180° tilting head
- 5 light modes
- Case; sturdy, stackable, unlimited lifetime guarantee
- 4 section extendable mast; extends from 500mm-1800mm;
- Quick lock/release system

SOLARIS DUO

The SOLARIS DUO offers a real alternative to generator powered lights, offering a very high light output up to 28,000 lumens. It is lightweight and all parts are housed in an unbreakable plastic case. It has wheels and pull-up handle for easy transportation. Telescopic poles elevate the lights to 2 metres and have built-in stability legs.





Two optional battery choices	SOLARIS DUO		SOLARIS DUO	
	Powered by LI-ION Technology	36Ah	Powered by LI-ION Technology	50Ah
Battery	14.8V 36Ah Li-ion		14.8v 50Ah Li-ion	
Charge time	4h		6h	
Product weight (kg)	16.4		17.3	
Boxed weight (kg)	17.3		18	
CAT/PAD No.	Coming Soon		Coming Soon	
NATO CODE	6230-99-551-7805		6230-99-404-9284	

14K HEAD OPTION - Widespread flood

Run time - 1 Head	3h 6h 14h 70h	4h 8h30 17h 100h
- 2 Head	1h30 3h 7h 35h	2h 4h15 8h30 50h
Light output	14000 6000 3500 1000	14000 6000 3500 1000
Part No.	NSSOLARIS214K-LI-ION36A	NSSOLARIS214K-LI-ION50A

6K HEAD OPTION - Built in optics for extra distance

Run time - 1 Head	6h 14h	8h 20h
- 2 Head	3h 7h	4h 10h
Light output	6000 3500	6000 3500
Part No.	NSSOLARIS26K-LI-ION-36A	NSSOLARIS26K-LI-ION-50A

SOLARIS DUO LI-ION	
Product size (mm)	D250 x W450 x H540
Boxed size (mm)	D270 x W470 x H560
Head size (mm)	L300 x W58 x H248
Case size (mm)	L570 X W340 X H250

OPTIONAL EXTRAS
Diffused lens; red, green, blue, yellow
35A charger to enable use of lamp whilst charging battery
Car adaptor
Case can be black or yellow

MEGASTAR LED



- Powerful, Portable, Rechargeable Sports floodlight
- LED floodlight
- Up to 14000 lumens
- High, medium and low power options
- Supplied with tripod, powerpack and mains charger
- Battery status indicator
- Extendable height from 1.5m to 3.5m
- The Solaris head is casted aluminium with polycarbonate lens and cover

MEGASTAR LED

The MEGASTAR has been upgraded to LED making it more robust, compact with even better light output. It's designed as temporary lighting for sports applications; eight units will illuminate a 60x40m area ideal for training and coaching. Used by sports clubs, schools and community sports organisers, they can be easily set up in under 2 minutes and used anywhere, avoiding the cost of hiring facilities.

The lightweight aluminium tripod has double extending safety locking sections that can be secondarily secured using the attached locking pins. The tripod locks into the powerpack utilising the weight of the powerpack to give stability to the light and tripod. Battery operated lighting can play a big part in achieving a low carbon energy future. This is a fully portable and rechargeable unit, helping to reduce CO2 emissions.

Lightweight, easy to carry/transport & store. Quick and easy to assemble and of robust weatherproof construction. The MEGASTAR LED is also suitable for emergency services, military and construction sites.

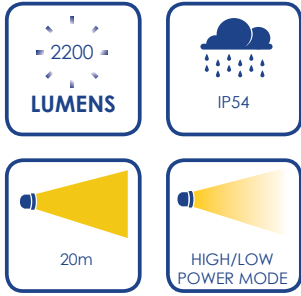




Two optional battery choices	24Ah	38Ah
	 1h30 3h 9h 44h  SLA	 2h30 6h 15h 70h  SLA
Battery	12v 24Ah	12v 38Ah
Run time	1h30 3h 9h 44h	2h30 6h 15h 70h
Light Output	14000 6000 3500 1000	14000 6000 3500 1000
Charge time	7h	10h
Product weight (kg)		
Head	2.3	2.3
Case	10.4	15.4
Tripod	4.5	4.5
Boxed weight (kg)	17.3	24.4
Part No.	NSSOLARISMEGA14K-24	NSSOLARISMEGA14K-38
CAT/PAD No.	Coming Soon	Coming Soon
NATO CODE	6230-99-551-7806	6230-99-867-8867

MEGASTAR LED	
Product size (mm)	
Head	L300 x W58 x H248
Case	L225 x W200 x H100
Tripod	1500-3500
Boxed size (mm)	L150 x W150 x H1500
Head/Case	L350 x W310 x H330
Tripod	L1500 x W150 x H150

OPTIONAL EXTRAS
Stability ground pegs
Multi chargers
Vehicle chargers
Double-headed bracket
17A charger to enable use from mains whilst charging



Optional Tripod



Also available the WORKSTAR-SMT




For a wide angled style'



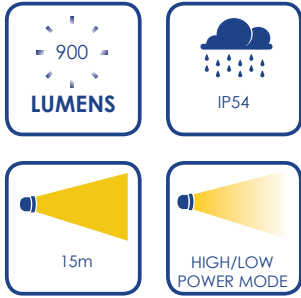
- Powerful, affordable and portable LED floodlight
- 2200 lumens
- 20 metre beam distance
- 2 light modes: high and low
- Supplied with mains and vehicle charger
- Battery status indicator

WORKSTAR

The WORKSTAR is a low cost option but still offers high power quality floodlighting. With superior battery technology, the WORKSTAR is a fully portable and rechargeable unit. The pivoting head offers a bright white floodlight beam and even spread of light. The unit offers a high light output and two light modes (100% and 50%) for extended run times and a USB port for recharging mobile phones, tablets etc.

WORKSTAR	
 3h 7h	 1.9g
	
Run time	3h 7h
Battery	7.4V 4500mAh Li-ion
Product weight (kg)	1.9
Boxed weight (kg)	2.3
Charge time	4h
Product size (mm)	L306 x W258 x H457
Boxed size (mm)	L320 x W130 x H250
Part No.	NSWORKSTAR / NSWORKSTAR-SMT
CAT/PAD No.	0111/106668





Optional Tripod



- Rechargeable LED floodlight
- 900 lumens
- 15 metre range
- Robust and compact design
- Portable and cordless
- Runs cool for close up use

MINI WORKSTAR

The MINI WORKSTAR is a compact, lightweight, portable rechargeable LED Floodlight. Designed using a high-powered 10W Epistar producing 900 lumens of light. Powered by latest rechargeable Li-ion battery technology and provides up to a 15m floodlight beam. The housing is made from aluminium to ensure it's robust enough for every application.

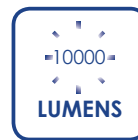
MINI WORKSTAR	
	4h 8h
	1.0kg
	
Run time	4h 8h
Battery	3.7V 6000mA Li-ion
Product weight (kg)	1.0
Boxed weight (kg)	1.1
Charge time	12h
Product size (mm)	L180 x W150 x L240
Boxed size (mm)	L190 x W170 x H110
Part No.	NSMINIWORKSTAR
CAT/PAD No.	Coming Soon





New LED innovations

Nightsearcher has a new range of 110V/240V LED lighting for industrial customers that use generators or require mains operated floodlighting. The new compact ECOSTAR has been purpose built to work with LED giving more light output from a smaller sized casing ensuring it's now as robust and portable as all our battery operated models. They come in several sizes and light output to suit and require much less power to operate. The extraordinary efficiency and performance over halogen means huge savings in running costs - they can be powered from long cable runs and off very small (1Kva) generators. They are IP65 rated for use in all weather conditions and the LED generates minimal heat so no cool down time is required before they can be safely stowed away.



10W



30W



50W



100W

ECOSTAR & ECOSTAR WITH PIR



- 1000—10,000 lumens
- High powered Epistar LED
- Robust aluminium casing
- Adjustable bracket
- Can operate on power sources between 110V - 240V
- Low heat emission = no cool down required before storage
- Compact design - smaller than fluorescent heads
- IP65 Rating



ECOSTAR

Manufactured in robust aluminium casing, these are IP65 rated (water and rust resistant) and covered by a 2 year warranty. Fitted with a universal ballast, they can operate from a 110v-240v power source. Using LED means no replacement bulbs are required, and they offer a 500% increase in output per watt when compared to incandescent lights.

ECOSTAR

Part No.	NSECOSTAR10 NSECOSTAR30 NSECOSTAR50 NSECOSTAR100
CAT/PAD No.	Coming Soon



- 1000—5,000 lumens
- Motion sensor PIR
- Detection distance of up to 12m
- High powered Epistar LED
- Robust aluminium casing
- Adjustable bracket



Available in
10W, 30W, 50W

ECOSTAR WITH PIR

Fitted with motion sensor PIR, the ECOSTAR is an ideal security light. Using only 10% of the energy of a Halogen equivalent, switching to LED means a payback period in under 6 months. LEDs offer 50,000h lifetime, meaning no replacement bulbs or maintenance costs.

The PIR has a detection distance of up to 12m and an 180° angle with time & sensitivity adjustment. The adjustable bracket allows for various light positioning.

ECOSTAR WITH PIR

10W PIR

Product weight (kg)	0.85
Boxed weight (kg)	0.89
Product size (mm)	L115 x W85 x H85
Boxed size (mm)	L175 x W121 x H104
Part No.	NSECOSTAR10PIR
CAT/PAD No.	Coming Soon

30W PIR

Product weight (kg)	2.46
Boxed weight (kg)	2.6
Product size (mm)	L225 x W185 x H125
Boxed size (mm)	L243 x W230 x H137
Part No.	NSECOSTAR30PIR
CAT/PAD No.	Coming Soon

50W PIR

Product weight (kg)	3.3
Boxed weight (kg)	3.5
Product size (mm)	L290 x W240 x H160
Boxed size (mm)	L292 x W282 x H147
Part No.	NSECOSTAR50PIR
CAT/PAD No.	Coming Soon



HIGH POWER, LOW ENERGY LED FLOODLIGHT RANGE

110V LINKABLE OPTION

The **ECOSTAR110V** linkable is the lighting solution for the industrial and construction market and outdoor events. Fitted with CEE 110V plug and socket allowing multiple lights to be linked together.

Linkable versions enable convenient 'daisy chaining' and the LED energy efficiency allows very long cable runs. NightSearcher **ECOSTARS** are powered by LEDs so offer double the illumination for the same energy consumption and are the most efficient units available anywhere providing excellent performance and a notably shadow-free illumination.

The linkable is also available with double headed bracket and 3.5m extendable tripod.



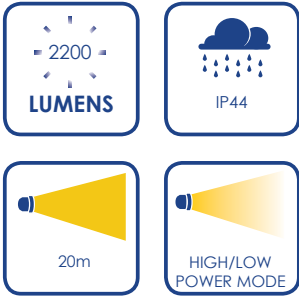
The linkable is also available with a double headed bracket and 3.5m tripod



Optional Tripod



SPEC	10W	30W	50W	100W
Light output (lumens)	1000	3000	5000	10000
Light source	10W LED	30W LED	50W	2x50W
Beam angle	120°	120°	120°	120°
Working voltage	100-240V	100-240V	100-240V	100-240V
Product size (mm)	L206 x W150 x H49	L251x W169 x H66	L376 x W255 x H93	L470 x W335 x H112
Product weight (kg)	1.1	2.25	4.75	8.9
Boxed size (mm)	L210 x W210 x H53	L260 x W250 x H75	L390 x W290 x H145	L510 x W375 x H155
Boxed weight (kg)	1.16	2.4	5	9.54
Part no.	NSECOSTAR10	NSECOSTAR30 NSECOSTAR30-110V NSECOSTAR30-110V-LINKABLE NSECOSTAR30-110V-TWIN	NSECOSTAR50 NSECOSTAR50-110V NSECOSTAR50-110V-LINKABLE NSECOSTAR50-110V-TWIN	NSECOSTAR100 NSECOSTAR100-110V NSECOSTAR100-110V-LINKABLE NSECOSTAR100-100V-TWIN



- **STARSTARTER 5-in-1:**
 - 1) LED floodlight
 - 2) Battery jump starter
 - 3) 150W 240V AC inverter to power laptops, etc
 - 4) USB DC 5V 800mA output to power mobile phones, etc
 - 5) DC 12V car cigarette lighter output socket

- 2200 lumens
- 20 metre beam distance
- 2 light modes: high and low
- Supplied with jump start leads, mains charger

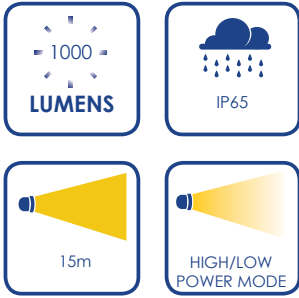


STARSTARTER

The NIGHTSEARCHER STARSTARTER is a rechargeable 5-in-1 portable power station comprising of a LED Floodlight - 2200 Lumens, Jump Starter, 150W 240V AC Inverter, USB DC 5V 800mA output and DC 12V car cigarette lighter output socket.

STARSTARTER	
	9h 21h
	5.7Kg
	SLA
Run time	9h 21h
Battery	12V 14Ah SLA
Product weight (kg)	5.7
Boxed weight (kg)	6.5
Product size (mm)	L295 x W170 x H250
Boxed size (mm)	L330 x W190 x H285
Part No.	NSSTARSTARTER
CAT/PAD No.	Coming Soon





- 10W LED Floodlight with Solar Panel and PIR Sensor
- Completely self-sustaining operation by Solar Panel and Li-ion Battery
- LED floodlight
- 1000 lumens
- 15 metre beam distance
- Operates for 100 minutes continuously on a full charge
- LED - 50,000 hours life



SOLARSTAR

Powerful outdoor lamp with 10W high power LED. Requires no mains power, completely self-sufficient operation thanks to solar panel and rechargeable Li-ion battery! Ideal for illuminating entrances, sheds, gardens, allotments, caravans etc.

SOLARSTAR	
 1.5h	 1.25kg
	
Run time	Continuous for 1.5 hrs or 540 times for 10 seconds or 180 times for 30 seconds
Battery	Li-ion 3.7V 3600mAh
Product weight (kg)	1.25
Boxed weight (kg)	1.5
Boxed size (mm)	L230 x W193 x H135
Part No.	NSSOLARSTAR
CAT/PAD No.	Coming Soon





EMERGENCY RECHARGEABLE LED HAZARD LIGHTS

The **NIGHTSEARCHER PULSAR** are multi-mode, rechargeable LED warning lights; designed for traffic control, signalling, hazard awareness and vehicle safety. Ideal for professional applications, including the Police, Fire and Highway Services.

These small but robust units are manufactured in shock resistant plastic housing, are waterproof (up to 10 metres) and virtually indestructible (withstanding most vehicle weights if crushed). Incorporated magnets allow attachment to vehicles or any metal surfaces.

Ingeniously designed, the **NIGHTSEARCHER PULSARS** are charged within their case, via the integral metal sensors, using either a mains or vehicle power source. The LED charging indicator gives you a sign of the battery status.

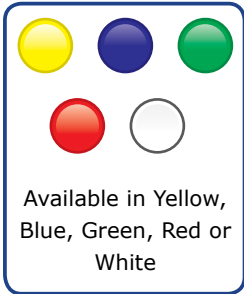


LED benefits include:

- Rechargeable LED hazard warning lights
- Available in; YELLOW, BLUE, GREEN, RED, WHITE or INFRARED (IR wavelength 840nm)
- 9 modes including: flashing, rotating and SOS
- 16 Coloured LEDs offering 360° illumination and signalling
- Operating for 5 - 60 hours per charge
- Shock resistant housing, able to withstand most vehicle weights
- Waterproof pods can be submerged to a depth of 10m
- Essential safety equipment for all emergency vehicles
- Alternative to conventional Hi-Vis triangles
- Installed with a strong magnetic base
- Charged directly in the storage case



NIGHTSEARCHER PULSAR



Set of six complete with mains and car charger



RUNNING TIMES

OPERATION MODE	RUN TIME (per Nightsearcher Pulsar)
1 - Rotate	9h
2 - Quad Flash	9h
3 - Single Blink	60h
4 - Alternating Blinks	9h
5 - SOS Rescue	14h
6 - Steady On : High	5h
7 - Steady On : Low	35h
8 - 2 LED Flashlight	9h
9 - 4 LED Flashlight	6h



NIGHTSEARCHER PULSAR

60h

0.19kg

Powered by LI-ION Technology

Run time	60h
Battery	3.7V Li-ion
Product weight (kg)	Kit: 3 Single: 0.19
Charge time	6 Nightsearcher Pulsar: 12-14h 1-3 Nightsearcher Pulsar: 2-6h
Product size (mm)	Kit: L444 x W368 x H64 Single: L180 x W108 x H35
Part No.	NSPULSAR Y/B/R/G/IR NSPULSAR1 Y/B/R/G/IR
CAT/PAD No.	0111/107593



LED FLASHLIGHT RANGE

LED

Our latest range of LED Flashlights use the incredibly powerful Cree® LEDs. LEDs present many advantages over incandescent light sources including lower energy consumption, longer lifetime, improved robustness, smaller size, faster switching, and greater durability and reliability.

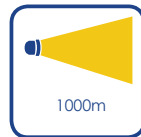
LED benefits

- Unbreakable chip
- 50,000 hours life
- Brighter and whiter beam
- Low battery drain
- Variety of modes and functions
- Environmentally friendly



INNOVATIVE, HIGH PERFORMANCE LED FLASHLIGHT RANGE

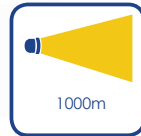
MAGNUM



VOYAGER XP-G



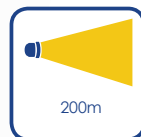
COMMANDER XM-L



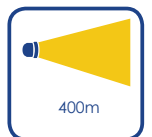
EXPLORER XM-L



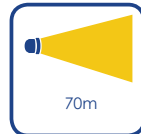
ZOOM 480



TRACKER 240



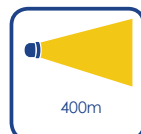
2IN1 LED

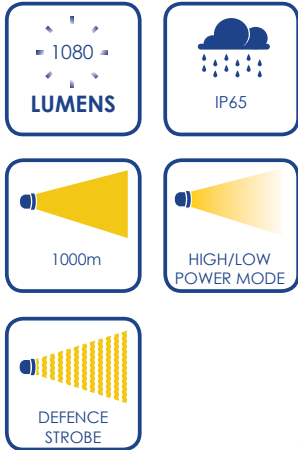


PIONEER



TACTICAL TORCH





- High power, long distance rechargeable flashlight
- 1080 lumens
- 1000 metre beam distance
- 4 light modes: 1 LED, 3 LED, 6 LED and strobe
- LED - 50,000 hours life
- Push button switch - quick mode transitions
- Durable aluminium casing - shock and water resistant

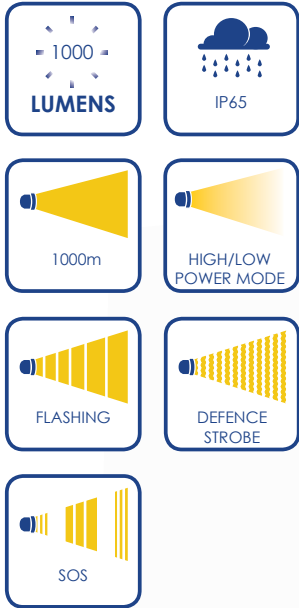
MAGNUM

The NIGHTSEARCHER MAGNUM has an incredible 1080 lumen light output and a 1000 metre beam. Using 6 ultra high powered Cree® LEDs, it offers 4 varied mode options; 1 LED, 3 LED, 6 LED and strobe function.

Magnum	
 1h20 7h30	 1.14kg
Run time	1h20 7h30
Battery	6V 3.5Ah Ni-MH
Product weight (kg)	1.14
Boxed weight (kg)	1.64
Charge time	8h
Product size (mm)	L312 x Dia. 90
Boxed size (mm)	L375 x W215 x H105
Part No.	NSMAGNUM
CAT/PAD No.	Coming Soon



COMMANDER XM-L






Supplied with Wrist Strap, x2 Batteries, Mains & Vehicle Charger

- High intensity 6-mode rechargeable flashlight
- 1000 lumens
- 1000 metre beam distance
- 6 light modes: high, medium, low, flashing, strobe and SOS
- Push button tail-cap switch
- Durable aluminium casing - shock and water resistant



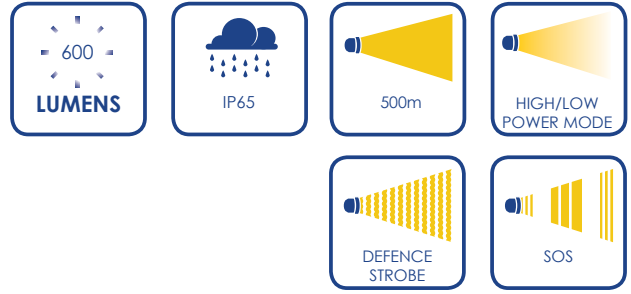
COMMANDER XM-L

The COMMANDER XM-L flashlight uses the most advanced LED technology available and provides an incredible 1000 lumens output able to illuminate huge areas, more commonly associated with much larger searchlights, yet it's compact enough to fit in your pocket. It comes with a spare rechargeable battery further extending the running time.

COMMANDER XM-L	
 1h30 120h	 0.200Kg
	
Run time	1h30-120h
Battery	18650 Lithium
Product weight (kg)	0.200
Boxed weight (kg)	0.615
Boxed size (mm)	L183 x W157 x H86
Part No.	NSCOMMANDERXML
CAT/PAD No.	Coming Soon






EXPLORER XM-L & VOYAGER XP-G

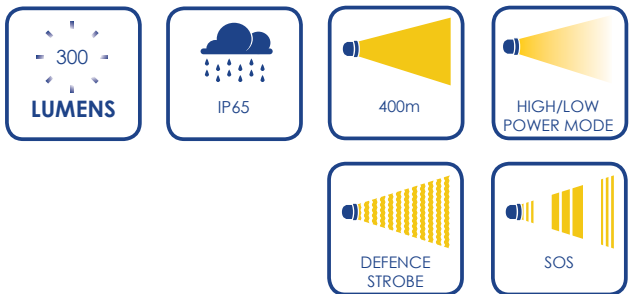


- 600 lumens
- 5 light modes: high, low, dimmable, strobe and SOS
- Shatterproof polycarbonate lens
- Rear tail-cap switch
- Durable aluminium casing - shock and water resistant
- Compact and lightweight

EXPLORER XM-L

With a newly upgraded XML LED the NIGHTSEARCHER EXPLORER now offers double the light output at 600 lumens and 5 light modes, 100%, 10% intensity, dimmable (100%-5%), strobe and SOS.




EXPLORER XM-L	
 1h30 15h	 0.247Kg
Powered by 	
Run time	1h30 15h
Battery	3.7V 2200mAh Li-ion
Product weight (kg)	0.247
Boxed weight (kg)	0.465
Charge time	6h
Product size (mm)	L177 x Dia.49
Boxed size (mm)	L120 x W190 x H70
Part No.	NSEXPLORERXML
CAT/PAD No.	Coming Soon



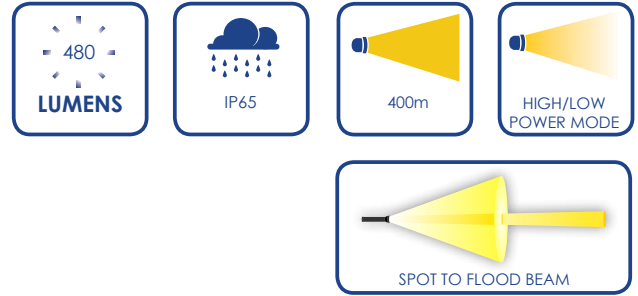
- 300 lumens
- 5 light modes: high, low, dimmable, strobe and SOS
- Shatterproof lens
- Shock and water resistant
- Slip-proof precision machined aluminium case
- Emergency function wall charging bracket

VOYAGER XP-G

With a newly upgraded Cree® XP-G LED, the VOYAGER XP-G now offers double the light output at 300 lumens and includes 5 light modes, 100%, 10% intensity, dimmable (100%-5%), strobe and SOS.

VOYAGER XP-G	
 2h30 55h	 0.267Kg
Powered by 	
Run time	2h30 55h
Battery	3.7V2200mAh Li-ion
Product weight (kg)	0.267
Boxed weight (kg)	0.750
Charge time	6h
Product size (mm)	L176.5 x Dia.57
Boxed size (mm)	L190 x W145 x H85
Part No.	NSVOYAGERXPG
CAT/PAD No.	Coming Soon

ZOOM 480 & PIONEER

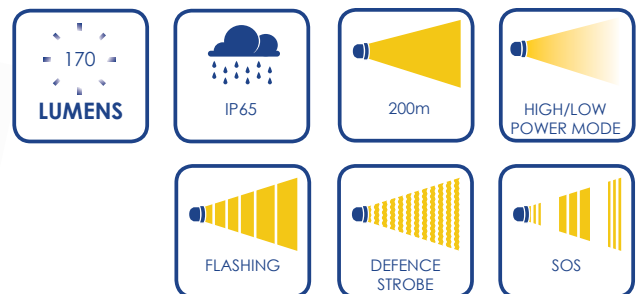


- 480 lumens
- 2 light modes: high and low
- Compact and lightweight
- Shock and water resistant
- Manufactured in high grade aluminium
- Rear tactical tail-cap switch

ZOOM 480

This high powered, compact LED flashlight offers 480 lumens and 2 mode settings (High/Low). Powered by 4x AAA batteries (included) it will operate for up to 65 hours.

ZOOM 480	
65h	0.121Kg
Run time	65h
Battery	4x AAA
Product weight (kg)	0.121
Boxed weight (kg)	0.150
Charge time	6h
Product size (mm)	L112 (ex.126) x Dia.33
Boxed size (mm)	L150 x W85 x H48
Part No.	NSZOOM
CAT/PAD No.	Coming Soon



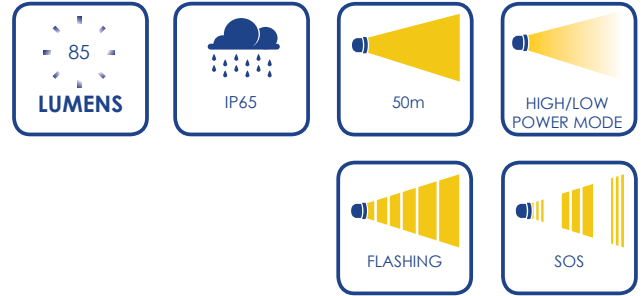
- 170 lumens
- 6 light modes: high, medium, low, flashing, strobe and SOS
- Compact and lightweight
- Shock and water resistant
- Rear tactical tail-cap switch
- High grade aluminium case and polycarbonate lens

PIONEER

The PIONEER is the smallest flashlight in the NIGHTSEARCHER range, operating on a single AA battery (included), and measuring just under 10cm in length. Making it the ideal pocket torch.

PIONEER	
2h30+	0.045Kg
Run time	2h30+
Battery	1x AA
Product weight (kg)	0.045
Boxed weight (kg)	0.185
Charge time	6h
Product size (mm)	L0.98 x Dia.22
Boxed size (mm)	L150 x W130 x H42
Part No.	NSPIONEER
CAT/PAD No.	Coming Soon

2IN1 LED & TRACKER 240

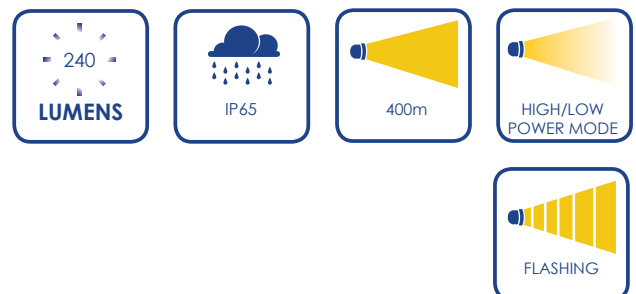


- 85 lumens
- 4 light modes: high, low, flashing and SOS
- 90° angled light
- Integrated clip on attachment

2IN1 LED

With a unique design, the 2IN1LED is the most functional flashlight of the range. Offering a right angled flashlight or fitted to the head torch bracket for hands free illumination. Using a Cree® LED it offers 85 lumens at full power and 10 lumens on low power. It also features flashing and SOS modes signalling or emergencies.

2IN1 LED	
 1h 20h 4h 23h	 0.62Kg
Run time	1h 20h 4h 23h
Battery	1x AA
Product weight (kg)	0.62
Boxed weight (kg)	0.72
Product size (mm)	L95 x Dia 22
Boxed size (mm)	W135 x H180
Part No.	NS2IN1LED
CAT/PAD No.	0111/107267



- 240 lumens
- 3 light modes: high, low and flashing
- Tail-end switch
- Aircraft grade aluminium casing

TRACKER 240

Bridging the gap between the PIONEER and EXPLORER, the TRACKER is our latest edition to the LED flashlight range. At under 15cm in length it's also the smallest rechargeable option available.

TRACKER 240		
 4h 20h	 0.122Kg	
Run time	4h 20h	
Battery	18650 Lithium	
Product weight (kg)	0.122	
Boxed weight (kg)	0.421	
Product size (mm)	L132.5 x Dia. 23	
Boxed size (mm)	L210 x W135 x H47	
Part No.	NSTRACKER240	
CAT/PAD No.	Coming Soon	

UV395 & UV365 RECHARGEABLE



- Wavelength 390-395nm
- Tail-end switch
- Durable aluminium casing
- Water and shock resistant
- Designed for Forensic applications

UV395

This compact and lightweight flashlight utilises the latest in UV technology. With a 1W powerful LED emitting an Ultra-violet beam. This product is designed specifically for Forensic applications and crime investigation. Manufactured in durable aluminum casing, it is water and shock resistant.

UV395	
3h30+	0.144Kg
Powered by	
Run time	3h30+
Battery	1x CR123A
Product weight (kg)	0.144 (inc bat)
Boxed weight (kg)	0.123
Product size (mm)	L132 x Dia.33.5
Boxed size (mm)	L160 x W37 x H37
Part No.	NSUVLED395
CAT/PAD No.	Coming Soon



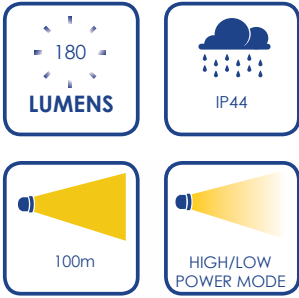
- Wavelength 365nm
- Tail-end tactical switch
- Durable aluminium casing
- Water and shock resistant
- Designed for Forensic applications, fibre and body fluid search

UV365 RECHARGEABLE

This compact and lightweight flashlight utilises the latest in UV technology. With a 5W powerful LED emitting an Ultra-violet beam, covering up to 35 metres. This product is designed specifically for Forensic applications and crime investigation.

UV365 RECHARGEABLE	
4h	0.20Kg
Powered by	
Run time	4h
Battery	18650 Li-ion
Product weight (kg)	0.20
Boxed weight (kg)	0.614
Product size (mm)	L153 x Dia. 40
Boxed size (mm)	L183 x W157 x H86
Part No.	NSUVLED365
CAT/PAD No.	Coming Soon

NIGHTSEARCHER POWERSTAR



Charging indicator



iPhone 4/ Micro USB/
Mini USB Lead



USB / Micro USB Port



- High intensity 6-mode rechargeable flashlight
- 180 lumens
- Mobile phone charger - input (micro USB) 5V / 2.1A (max)
- Supplied with USB charging, data cable

NIGHTSEARCHER POWERSTAR

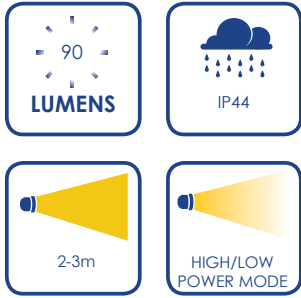
This compact, Rechargeable LED torch is multi-purpose. Supplied with an adaptor that fits most standard smart phones (iPhone, mini USB, Micro USB) the Li-ion battery will enable the user to fully recharge their mobile phone. Pocket-sized yet the powerful LED delivers 180 lumens; this is the ideal flashlight for travelling.

NIGHTSEARCHER POWERSTAR	
 10h 26h	 0.1565Kg
	
Run time	10h 26h
Battery	5500mAh Lithium Ion Rechargeable
Product weight (kg)	0.1565
Product size (mm)	L129 x W48 x H48
Charge time	7-9h
Boxed weight (kg)	0.615
Boxed size (mm)	L183 x W157 x H86
Part No.	NSPOWERSTAR
CAT/PAD No.	Coming Soon



Phone not included

SENSOR LIGHT



- Plug-in emergency function LED light with sensor and rechargeable battery
- 60° sensor light
- 2-3m sensor distance
- Spot to flood beam



SENSOR LIGHT

This compact unit is designed to be left connected to the mains, it will automatically illuminate in the event of a power failure or from the sensor which has a 3m range. It recharges from the contactless base and can be removed for use as an inspection lamp or flashlight.

SENSOR LIGHT		
 12h	 0,122kg	
Run time	12h (6 LED) 2.5h (14 LED)	
Battery	14430 Li-ion	
Product weight (kg)		
Torch	0.122	
Base	0.118	
Product size (mm)	L170 x W55 x H80	
Charge time	8h	
Blister pack (kg)	0.284	
Part No.	NSEMERGENCYLED	
CAT/PAD No.	Coming Soon	



TACTICAL TORCH



- High powered Cree® LED Tactical Torch
- 2 Switch options: pressure or tail-cap
- Weatherproof and shock resistant
- Machined aluminium casing
- Complete with batteries

Complete with gun barrel mount, pressure switch and tail-cap switch

TACTICAL TORCH

This TACTICAL TORCH utilises the latest technology in CREE® LED, giving a light output of 240 lumens. With precision-machined aerospace grade aluminium casing and polycarbonate lens, this robust flashlight is shock and water-resistant. It uses a precision reflector to create a smooth beam without spots or rings.

TACTICAL TORCH	
Run time	1.8h
Battery	2x CR123
Product weight (kg)	0.120
Boxed weight (kg)	0.40
Product size (mm)	L130 x Dia.25
Boxed size (mm)	L187 x W140 x H48
Part No.	NSTACTICAL
NATO CODE	6230-99-562-7196

- Pressure switch can be used 3 different ways**
- 1 - Held between lips/teeth
 - 2 - Attached to trigger so light comes on when pressure applied to trigger.
 - 3 - Attached to the body of the gun/rifle close to the supporting hand's fingers.





- High performance LED Headtorch
- 4 modes: high, med, low and strobe
- Hi-Vis reflective safety strips
- 90° Adjustable light head
- Adjustable, removable head strap
- Rear safety red LED—static or flashing



HT200

The HT200 is a professional product with high performance and ultra robust design. Using the latest in LED technology (Cree® XP-G) LED, and a highly efficient large reflector, this unit offers optimum light output over a long distance, covering up to 200m. The unit operates from 4 x AA batteries (supplied) and includes battery pouch, helmet clips and extension cord.

Two optional battery choices		HT200	
		 8h 14h 80h 80h	 0.334Kg
Light output	200 lumens 50, 20, 20 lumens		
Battery	4x AA		
Product size (mm)	HEAD 96 x 67 x 78 BATT 31 x 76 x 42		
Product weight (kg)	0.334		
Boxed size (mm)	W150 x H210 x D105		
Boxed weight (kg)	0.596		
Part no.	NSHT200		
CAT/PAD No.	Coming Soon		







- High performance LED Headtorch
- 4 modes: high, med, low and strobe
- Hi-Vis reflective safety strips
- 90° Adjustable light head
- Adjustable, removable head strap
- Rear safety red LED—static or flashing

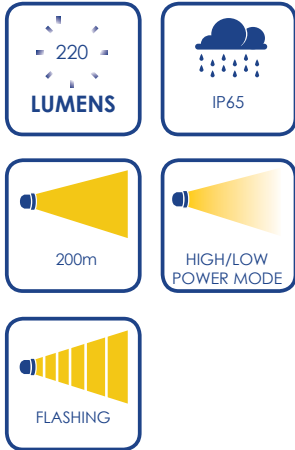


HT290

The HT290 has all the functions of the HT200 and is the rechargeable option offering an increased in performance of 290 lumens covering up to 260m. Its durable construction and ease of use offering rapid one-handed mode change (even with gloves) between the 4 light options (high, med, low and SOS). This unit comes with a mains charger, battery pouch, helmet clips and extension cord.

Two optional battery choices	HT290
	 3h30 15h 20h 23h  0.352Kg
Light output	290 lumens 85, 55, 55 lumens
Battery	4.8V 2200m Ah Ni-mh
Charge time	6h
Product size (mm)	HEAD 96 x 67 x 78 BATT 31 x 76 x 42
Product weight (kg)	0.352
Boxed size (mm)	W105 x H85 x D102
Boxed weight (kg)	0.736
Part no.	NSHT290R
CAT/PAD No.	0111/107596





- Rechargeable LED Headtorch
- 3 light modes: high, low and flashing
- Adjustable dimmer switch
- IP65 rated
- Manufactured from high grade aluminium

HT220

The HT220 offers a light output of 220 lumens, producing a clear bright floodlight beam, covering 200m+. With a 4 mode multi-function switch, the user can select or adjust the brightness level according to their requirements, including long distance applications or close up inspections.



HT220	
Head size	L34x Dia.30
Boxed size (mm)	L230 x W180 x H60

Battery options	BP220	BP28	BP48
	2.2h 12h 0.220Kg	4h30 24h 0.334Kg	9h 48h 0.440Kg
Run time	2.2h 12h	4h30 24h	9h 48h
Battery	2.2Ah Li-ion	4.4Ah Li-ion	8.8Ah Li-ion
Charge time	6h	10h	20h
Product weight (kg)	0.220	0.334	0.440
Case size (mm)	L95 x Dia.19	L77 x W45 x H24	L79 x W49 x H45
Boxed weight (kg)	0.580	0.694	0.800
Part No.	NSHT220	NSHT220-28	NSHT220-48

HT080 & BIKESTAR



- LED Headtorch
- 4 light modes: 1W white LED / red, green and blue LEDs
- Flip-on diffuser for proximity and wide beam pattern
- Flexible elasticated head strap
- Adjustable head to 180°
- Compact and lightweight

HT080

Powered by a single AA battery (included), this compact and lightweight economic head-torch is designed for use in confined spaces, giving optimal light output. The HT080 comes with a 1W white LED for long range illumination and 3 coloured (red, green and blue) LEDs for battery saving illumination.



HT080	
Run time	2h 20h
Battery	Battery 1x AA
Product weight (kg)	0.075
Boxed weight (kg)	0.123
Boxed size (mm)	L250 x W150 x H50
Part No.	NSHT080



- 3 light modes: high, medium and flashing
- Illuminated tail-cap switch
- Optimal focus alloy reflector
- High grade aluminium housing
- Battery status indicator

BIKESTAR

The LED BIKESTAR is one of the brightest bike lights available on the market, producing an amazing 1000 lumens. Using high performance Cree® LED, combined with an optimal focus reflector, ensures a brighter, longer distance beam. The rear ON/OFF switch houses a green/red LED indicating battery status.



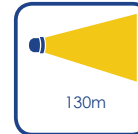
Comes with headband to be used as head torch

BIKESTAR	
Run time	6h
Battery	4x 18650 Li-ion
Product weight (kg)	0.300
Boxed weight (kg)	0.614
Charge time	8h
Product size (mm)	L48 x Dia.37
Boxed size (mm)	L180 x W200 x D60
Part No.	NSBIKESTAR

EX60 & SOLARIS ATEX



Optional helmet clips



EX60

14h

0.191Kg

Run time	14h
Battery	4 x AA
Product weight (kg)	0.191
Boxed weight (kg)	0.35
Product size (mm)	L260 x W150 x H180
Boxed size (mm)	L210 x W90 x H60
Part No.	NSEX60
CAT/PAD No.	Coming Soon

CERTIFICATION & STANDARDS

UL	CLASS I DIV IGRP ABCD CLASS II DIV I GRP EFG CLASS III TEMP CODE: T4
ATEX	II 1 G Ex ia IIC T4
IECEX	Ex ia IIC T4 Ga
CE	Approved
ROHS	Approved

- Non-Rechargeable Safety Approved LED Flashlight
- ATEX Rating: Zone 0 EX II 1G Ex ia IIC T4 iaD T135C
- UL: Class I DIV I GRAP ABC, Class II DIV GRP EFG, Class III, TEMP CODE: T4
- Osram golden dragon LED
- Aluminium heat sink enhancing LED efficiency
- Waterproof up to 3m (IP68)
- Robust durable casing and impact resistant lens
- Push button tail end switch
- Non-slip rubber grip handle

EX60

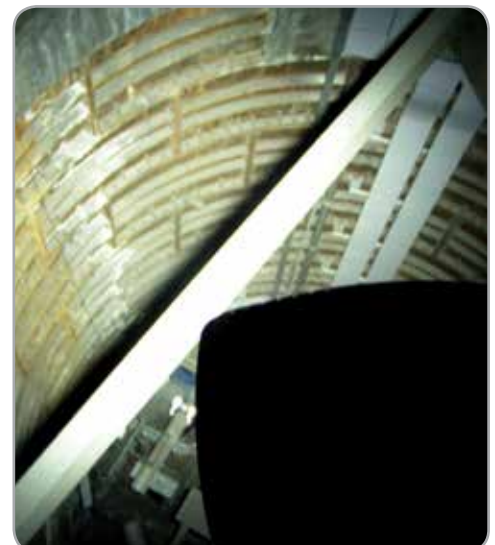
The EX60 is a compact LED flashlight which is totally safe in hazardous areas. Rated at ATEX zone 0 this unit is widely used by the emergency services and is the ideal flashlight for using in the mining, petrochemical and gas industries. It is drop/waterproof and uses 4 x AA batteries.

COMING SOON

- SOLARIS ATEX

NIGHTSEARCHER will be launching a newly designed and safety approved **SOLARIS ATEX** range.

This LED Floodlight incorporates the same high performance as the current range, but is adapted for specialist use in hazardous areas.



SPARES AND ACCESSORIES

RECHARGEABLE FLOODLIGHT ACCESSORIES	
SPTRIP0D1.7	1.7m Tripod (WorkStar EcoStar)
SPTRIP0D3.5	3.5m Tripod (MegaStar Solaris)
SPTRIP0DPEG	Stability ground pegs (set of 3)
FLASHLIGHT ACCESSORIES	
SPEXPTAILPS	Pressure switch tail cap (Explorer)
SPEXPC [R Y G]	Red yellow green signalling cones (Explorer)
SP[model]HOLB	Holster (Commander Explorer UV365)
SP[model]BRACKET	Gun mounting bracket (Commander Explorer)
MAINS CHARGERS (Li-ion - Lithium ion)	
CHSOLARISLI-ION2A	Mains Charger 2 Amp (Solaris Lite Li-Ion)
CHSOLARISLI-ION16A	Mains Charger 16.8V 16V (Solaris Range Li-ion)
CH16.8-16A-LI-ION	16.8v 16A Li-ion Battery Charger (for 36Ah PP)
CH16.8V-35A	35A Li-ion Battery Charger (for 50A/h PP)
CHPANHID-LI-ION	Mains Charger (Panther HiD Li-ion)
CHPANTHER-XML	Mains Charger (Panther XML)
CHPANTHERLEDLITE	Mains Charger (Panther LED Lite)
CHCOMM-UV365	Mains Charger (Commander UV365 c/w mains adaptor/cradle)
CHEXP-VOY	Mains Charger (Explorer Voyager)
CHPULSAR	Mains Charger (Pulsar)
IN-CAR CHARGERS (Li-ion - Lithium ion)	
CHICSOLARISLITELI-ION	In-Car Charger (Solaris Lite Li-ion)
CHICLI-ION	In-Car Charger 24V for Li-ion battery pack
CHICLI-ION-12V	In-Car Charger 12V Li-ion (Panther Led Lite)
CHICLI-ION-12V-HID	In-Car Charger Li-ion (Panther HiD)
CHICCOMM-UV365	In-Car Charger (Commander UVLED365)
CHICEXPLORER-XML	In-Car Charger (Explorer XML)
MAINS CHARGERS (SLA - Sealed Lead Acid)	
CH12V-1A	12v 1A Charger (Panther Puma NS750)
CH12V-4A	12v 4A Charger (MegaStar Solaris Maxi)
CH12V-17 12V	17A Charger (MegaStar Solaris Maxi)
CH5WAY	Multi Charger (MegaStar Solaris Maxi)
IN-CAR CHARGERS (SLA - Sealed Lead Acid)	
CHIC12V	In-Car Charger (Panther Puma 750)
CHIC24V6A	In-Car Charger 24v 6A (MegaStar Solaris Maxi)
CHICFLOOD	In-Car Charger for (MegaStar Solaris Maxi)
SP750VEHICLEKIT	In-Car Charger and adaptor kit (NS750)
MAINS CHARGERS (Ni-MH - Nickel-Metal Hydride)	
CHTRIGGER	Trigger (Mains Charger)
CHMAGNUM	Magnum (Mains Charger)
IN-CAR CHARGERS (Ni-MH - Nickel-Metal Hydride)	
CHICTRIGGER	Trigger (In-Car Charger)
CHICMAGNUM	Magnum (In-Car Charger)
BATTERIES (SLA = Sealed Lead Acid / Li-ion = Lithium ion)	
BA3.6X2.2	3.6V x 2.2 A/h Li-ion (Voyager)
BA6X4	6V x 4 A/h SLA (Puma, CB MA BF, TRIO)
BA6X3	6V x 3.7 A/h Ni-MH (Magnum)
BA12X7	12V x 7 A/h SLA (Panther LED NS750 LED)
BA12X17	12V x 17 A/h SLA (Solaris Lite)
BA12X24	12V x 24 A/h SLA (MegaStar Solaris Maxi)
BA12X38	12V x 38 A/h SLA (MegaStar Solaris Maxi)
BA14.8X7.8	14.8 X 7.8 A/h Li-ion (Panther Lite & HiD)
BA14.8X17	14.8 X 18.2 A/h Li-ion (Solaris)
BAEXP-XPG	3.6V x 2 A/h Li-ion (Explorer)
BA18650	Commander Tracker UV365 HT220 (per battery)



SPARES AND ACCESSORIES

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SPTRIPD1.7	1.7m Tripod (WorkStar EcoStar)
SPTRIPD3.5	3.5m Tripod (MegaStar Solaris)
SPTRIPDPEG	Stability ground pegs (set of 3)
FLASHLIGHT ACCESSORIES	
SPEXPTAILPS	Pressure switch tail cap (Explorer)
SPEXPC [R Y G]	Red yellow green signalling cones (Explorer)
SP[model]HOLB	Holster (Commander Explorer UV365)
SP[model]BRACKET	Gun mounting bracket (Commander Explorer)
MAINS CHARGERS (Li-ion - Lithium ion)	
CHSOLARISLI-ION2A	Mains Charger 2 Amp (Solaris Lite Li-Ion)
CHSOLARISLI-ION16A	Mains Charger 16.8V 16V (Solaris Range Li-ion)
CH16.8-16A-LI-ION	16.8v 16A Li-ion Battery Charger (for 36Ah PP)
CH16.8V-35A	35A Li-ion Battery Charger (for 50A/h PP)
CHPANHID-LI-ION	Mains Charger (Panther HiD Li-ion)
CHPANTHER-XML	Mains Charger (Panther XML)
CHPANTHERLEDLITE	Mains Charger (Panther LED Lite)
CHCOMM-UV365	Mains Charger (Commander UV365 c/w mains adaptor/cradle)
CHEXP-VOY	Mains Charger (Explorer Voyager)
CHPULSAR	Mains Charger (Pulsar)
IN-CAR CHARGERS (Li-ion - Lithium ion)	
CHICSOLARISLITELI-ION	In-Car Charger (Solaris Lite Li-ion)
CHICLI-ION	In-Car Charger 24V for Li-ion battery pack
CHICLI-ION-12V	In-Car Charger 12V Li-ion (Panther Led Lite)
CHICLI-ION-12V-HID	In-Car Charger Li-ion (Panther HiD)
CHICCOMM-UV365	In-Car Charger (Commander UVLED365)
CHICEXPLORER-XML	In-Car Charger (Explorer XML)
MAINS CHARGERS (SLA - Sealed Lead Acid)	
CH12V-1A	12v 1A Charger (Panther Puma NS750)
CH12V-4A	12v 4A Charger (MegaStar Solaris Maxi)
CH12V-17 12V	17A Charger (MegaStar Solaris Maxi)
CH5WAY	Multi Charger (MegaStar Solaris Maxi)
IN-CAR CHARGERS (SLA - Sealed Lead Acid)	
CHIC12V	In-Car Charger (Panther Puma 750)
CHIC24V6A	In-Car Charger 24v 6A (MegaStar Solaris Maxi)
CHICFLOOD	In-Car Charger for (MegaStar Solaris Maxi)
SP750VEHICLEKIT	In-Car Charger and adaptor kit (NS750)
MAINS CHARGERS (Ni-MH - Nickel-Metal Hydride)	
CHTRIGGER	Trigger (Mains Charger)
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BA12X24	12V x 24 A/h SLA (MegaStar Solaris Maxi)
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BA14.8X17	14.8 X 18.2 A/h Li-ion (Solaris)
BAEXP-XPG	3.6V x 2 A/h Li-ion (Explorer)
BA18650	Commander Tracker UV365 HT220 (per battery)