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EXPLORER 1500

battery generator

BC-230 Explorer Battery Generator Issue 1 09/05

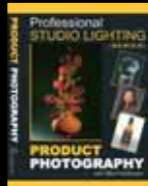
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TOTAL control, unrivalled POWER!

Ever wished you could control your location lighting as accurately as studio lighting?

Presenting a 1500Ws battery generator with true asymmetric power distribution and control, from 31Ws to 1500Ws in $\frac{1}{10}$ stop increments.

With simple expansion to 3000Ws, find out how the Explorer's punch is portable power, perfected!

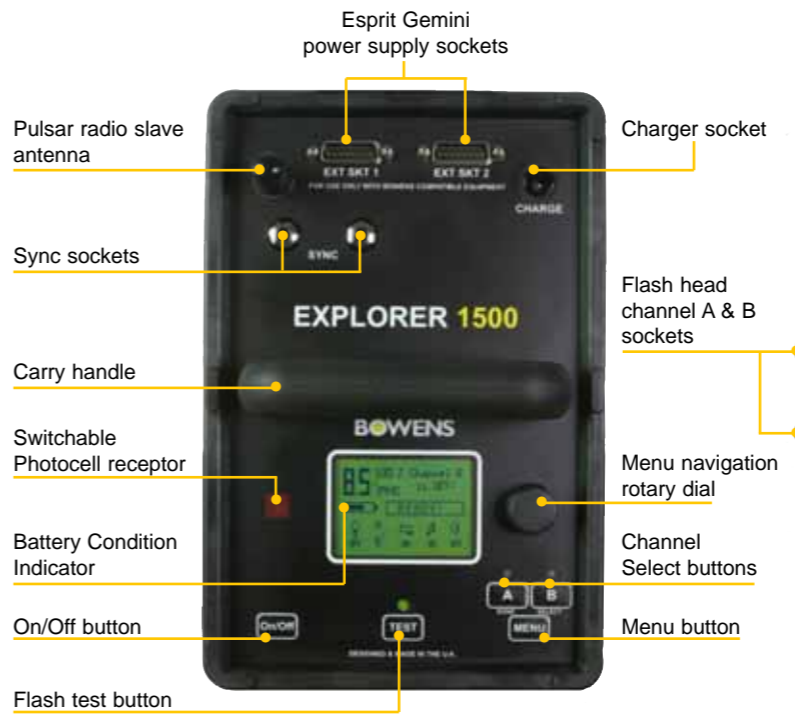


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EXPLORER precise portable power



The portable power-pack with unrivalled power to size ratio...

No Power? ... No Problem!

The Bowens Explorer 1500 represents the state-of-the-art in portable battery generator technology. Weighing just under 12kg, this petite power-pack boasts an enviable power-to-size ratio and recycling capacity while providing photographers with the flexibility of two independent digitally controlled channels, both with 1/10 stop increment & accuracy. In addition, two Bowens Gemini sockets allow the photographer anything up to four light sources and a massive 3000Ws from this feature rich pack: Total freedom & flexibility, whenever and wherever quality light is required.

Power is nothing without control!

With a large, sunlight-readable graphic display, photographers can easily view and control power from 31Ws to 1500Ws in 1/10 stop increments with the simplicity of a rotary dial.

Channels can be independent, combined as symmetric or even locked in ratio for ultimate flexibility. At all power levels, ultra-fast flash duration, superb colour stability and rapid recycling is assured - perfect for digital capture. In addition, the pack boasts a powerful 250W 120V timer programmable modelling capability, eliminating the need to acquire portable specific flash heads.

Bowens compatibility.

The Explorer 1500 features two Bowens standard Quad sockets, making it compatible with the vast range of heads and accessories produced for the Quad & Duo generators. Two Bowens Gemini sockets allow the potential power to be boosted up to 3000Ws. The Explorer also includes a 24 channel built-in radio slave, compatible with the Bowens Pulsar.

The EXPLORER Control Panel

The Explorer battery generator is simple and quick to use. The pack functions are quickly adjusted with a single rotary dial in combination with two channel select buttons. A large backlit, sunlight-readable display clearly shows power settings, power modes and flash duration along with battery condition and primary function status. Pressing the menu button, you can quickly toggle between modelling, sounder, photocell, radio slave and power control. A further press reveals a simple to navigate menu offering an extensive choice of programmable functions such as bracketing, modelling timer, charge control and an ability to save and recall the pack setup. At the rear are two independent Quad sockets which provide the two asymmetric power channels to the flash heads. Under the unit is the quick release battery cassette.

EXPLORER Features

Just like the QUADX and QUAD2400 generators, the EXPLORER 1500 boasts many advanced features designed to make creative photography simple.

Auto Bracketing.

Bracketing allows three consecutive shots to be taken at power levels above, at and below the selected power. Bracketing flash exposures with the EXPLORER is effortless. The bracketing interval can be set from 1/10 to 1/2 stop.

Special Effect Modes.

Three trigger modes are available which allow you to create delays, multiple flashes and to sequence flashes. These can be used independently or in combination.

Camera Synchronising.

The Explorer features two interconnected sync sockets located on top of the pack, which allow time-saving simultaneous connection to a camera and a light meter. The pack also features a built-in radio antenna so that you can make trailing sync leads a thing of the past by firing the unit via a camera-mounted Pulsar radio slave. Synchronisation with other lights is achieved by using the built-in photocell.

Total modelling control.

The modelling can be set to run continuously or to run for a timed period between 1 to 60 seconds in order to preserve the battery life.

BW7640 - Explorer Battery Generator.



Explorer Battery Versatility



Car Charger

Quick Facts: EXPLORER 1500 Battery Generator.

- Two flash head outlets with power divided into two independent channels.
- Symmetrical or true Asymmetrical power distribution.
- Power output from 1500Ws down to 31Ws.
- Flash-voltage stabilisation $\pm 1\%$ at maximum power.
- Three programmable trigger modes for creative photography.
- Low voltage synchronisation, 6V, is safe for digital cameras.
- Rapid and programmable recycling capability.
- Camera synchronisation made simple with built-in Pulsar radio receiver.
- Switchable photo cell.
- Switchable 'ready' sounder.
- 3000Ws of power from two Esprit Gemini and two QUAD heads.
- 150 shots from a single charge at 1500Ws, 180 shots at 1200Ws.
- Ultra-short flash durations, 1/5700, for stop-action photography.
- User programmable 'Auto Power Down' feature to preserve battery life.
- Sealed 12Ah battery. Charge & recharge at your convenience.

Stored energy:	1500Ws
Flash head Outlets:	2
Power Range:	31Ws - 1500Ws
Recycle Time: (to full power)	0.5 - 3.8 secs (auto)
Flash Duration:	
Max:	1/2130 sec.
Min:	1/5700 sec.
Power Adjustment:	1/3 Stop increments.
Colour Temperature:	5300K ± 300 (with UV Tube)
Sync. Voltage:	6V
Stabilisation:	$\pm 0.1\%$
Length:	27cm
Width:	18cm
Height:	24cm (28cm inc handle)
Weight:	11.2kg

TECHNICAL DATA:

The EXPLORER battery

At the heart of the Explorer Battery Generator is, of course, the battery itself. Unlocking the quick-release clasp beneath the pack reveals the powerful high-performance sealed rechargeable battery that provides the Explorer with its impressive performance.

Charge the way you want to!

The user adjustable charge control feature means you can balance your usage requirements with recycling performance and battery life.

Charge and Charge Again!

The high-performance battery unit can be charged time after time either within the pack or standalone, giving consistent and reliable performance throughout its natural life.

Charge while in use!

In situations where there is mains power available, there is no need to run your battery down, simply plug in the universal mains charger to charge the Explorer as you are using it.

Charge out of the box!

In photography, time is money! You don't have time to wait for batteries to charge so, the Explorer universal mains charger is capable of being plugged directly into the battery. This means you can charge a second battery while using the Explorer pack saving time and, of course, money!

Charge on the move!

The inconvenience of an uncharged battery out on location is easily eliminated thanks to the Explorer Car Charger.

Accessories

Spare Battery.

Save time on location by having a charged spare battery available.
BW7642

Car Charger.

If no mains power is available to recharge your battery, charge from a vehicle cigarette lighter.
BW1245

Mains Charger.

Spare or replacement mains charger.
BW1227

Explorer to Gemini Cable.

Cable to power Esprit Gemini Units from the Explorer.
BW7632



Remote Triggering



QUADX Flash Head

Yes! You can use your standard Bowens studio flash heads with the Explorer - no need to buy extra battery generator specific heads!

The Explorer compatible, fan-cooled QUADX flash head is capable of handling up to 3000Ws and can be fitted with 120V 100W or 250W modelling lamps when powered by the Explorer. The user-changeable flash tube features a three-electrode design to deliver the fastest possible flash duration. A UV-balanced Pyrex dome ensures colour integrity and security. When combined with the full line of Bowens S-type reflectors and accessories this system will give you unmatched lighting versatility and unlimited creative capabilities.

BW7650

RingLite

This classic lighting accessory gives a unique full-frontal lighting effect that makes it popular among fashion photographers.

The camera mounts to the centre of an opening that is surrounded by two semicircular 1500Ws flash tubes to achieve amazing results. To ensure short flash duration, the flash tubes have three, rather than two, electrodes and each has a separate cable. The RingLite can be used with any QUAD generator and its integral mounting bracket adjusts for use with virtually all medium format, digital and 35mm cameras.

BW7660

For refined lighting effects, two quite different reflectors are available.

RingLite High-Intensity Reflector

This reflector increases the overall size of the light source, intensifying the light output.

BW2310

RingLite Diffuser

For a softer lighting effect, this opal diffuser can be used with the Ringflash. This will soften the shadows and is perfect for most direct lighting applications.

BW2311

Pulsar Radio Trigger System

Whether you are triggering flash heads for complicated lighting setups or cameras for remote control nature shots or special effects, this system is for you.

Each Pulsar unit can be either a transmitter or receiver and is capable of sending or receiving signals beyond 100m (333'). Unlike IR triggering systems, the radio-transmitted Pulsar operates around corners and through walls.

The Pulsar has four separate channels, enabling the photographer to isolate up to four light sources or to combine them and fire all of them at once without leaving the camera. Additionally, the Pulsar has a studio selector switch, which provides isolation from other Pulsar units using the same channel, and allowing up to six different systems to operate independently in the same space or studio.

A clip-on platform is available, allowing you to clip the Pulsar anywhere that it is needed.

Other Pulsar features include:

- Long battery life up to 200 hours of continuous use from two AAA batteries.
- Low voltage operation of just 3V making it ideal for use with sensitive digital cameras.
- Compact and lightweight design allows the units to be mounted directly onto your camera's hot shoe or to your generator, or monolights.

Length - 90mm
Width - 49mm
Height - 44mm
Weight - 122g

Pulsar Twin Pack **BW5160**
Pulsar Single Unit **BW5150**
Pulsar Clip **BW5155**



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EXPLORER
1500
portable power

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