

Pro-7b 1200

# Profoto



# Profoto Pro-7b

High-capacity battery powered generator for total freedom on location.

Imagine a heavy duty, 1200 Ws studio generator. Now imagine disconnecting the power cable from the wall and bringing the unit to wherever you happen to be shooting. With the generator still working, as if nothing has happened. That's the Profoto Pro-7b.

- **Asymmetric energy distribution:** Two lamp sockets, switchable from symmetric (50:50%) to asymmetric energy distribution (50:25%)
- **Wide power range over 7 f-stops** from 1200-18.75Ws
- **Quick recycling times & flash duration:** 2.8-0.09 s, 1/1400-1/3000 s
- **High capacity:** up to 250 flashes at 1200Ws, 500 flashes at 600Ws, 1000 flashes at 300Ws etc. with one charge
- **100W model light** even in battery operation
- **Accepts standard ProHead flash heads**



## Meeting the challenges on location

Working on location is always a challenge: There is not enough time. There is not enough space. There is not enough light. And worse: there is no electricity.

Avoiding the inconvenience of a gas generator, you will look for battery-powered gear. Which traditionally means serious compromise in power and features. But not any more. Leaving the studio with the Profoto Pro-7b, you are bringing 250 full power 1200Ws flashes. Along with two lamp outlets accepting the entire range of Profoto light shaping tools. And all of that in a box that recycles in just 2.8 seconds.

## Fine-grained energy control

The output power can be adjusted over a full seven f-stop range, from 18.75Ws up to 1200Ws, in increments of 1/6 f-stop, for really fine-grained control. The two outlets allow the power to be split symmetrically or asymmetrically with a 2:1 ratio. Of course the unit provides consistent output flash after flash, hour after hour. Designed for the rugged conditions on location, the Pro-7b features sturdy knobs, rubber-clad grips and frames, as well as the outlets and switches conveniently placed on top. Also, the generator is equipped with the Profoto special non-arching safety connectors, for easy connecting/ disconnecting of the head at any time.



## Universal Power Adapter

Back in the studio, using the snap-on universal power adapter, the Pro-7b can actually operate as a regular flash generator while the battery is being recharged. The adapter is fast, charging an empty battery in just 2.5 hours, and it accepts a wide range of input power: 12-24V or 90-240V. Included with every Pro-7b is a standard 110/230V charger, loading the battery in 5 hours. Needless to say, the battery is replaceable. In other words, you just bring as much energy as needed. Also, because the Pro-7b battery is completely memory free, there is no penalty for partial charging.

## Light Shaping Tool system

At the heart of Profoto lies the Light Shaping System. Over 120 light modifiers allow unprecedented creative control. The ProHead, Pro-B head and ProRing2 are fully compatible with the Profoto Pro-B3 generator and give access to all Profoto light shaping tools.



### ProHead

In the studio, the standard heavy-duty tool is the Profoto ProHead with 250 W or 500 W halogen lamp, built for delivering flashes up to 4800 Ws, over and over again, hour after hour.

The ProHead includes: the New Zoom Reflector, UV-safe flash tubes, 250 W or 500 W halogen lamp, removable frosted glass cover, protective transportation cap, stand adapter and a 4 m (13 ft.) lamp cable.

90 07 09 ProHead with 250 W model lamp and short glass cover

90 07 27 ProHead with 500 W model lamp and long glass cover



### Pro-B Head

For the Pro-B2 and the Pro-7b, there is the handy Profoto Pro-B Head that gives you 1200 Ws flashes and a 100 W modelling light while still weighing only 1.8 kg. For extra intensive use with Pro-B2, use the fan-cooled ProHead instead.

The Pro-B includes: Disc Reflector, flash tube, 100 W halogen lamp, removable frosted glass cover, protective transportation cap, stand adapter, and a 4 m (13 ft) lamp cable.

90 09 35 with Disc reflector  
90 09 36 with Zoom reflector



### ProRing

If you look for a more light-weight ring flash without modeling light, there's also the Profoto ProRing, with the capacity of up to four 2400 Ws flashes per minute, or 16 flashes at 600 Ws, etc.

The ProRing includes: circular flash tube, camera adapter, stand adapter, and a 4 m (13 ft) special lamp cable.

Accessories (not included): Close-up Reflector, Softlight Reflector, Widesoft Reflector and ProRing Diffuser.

Light spread angle: 70°  
Guide number (At 2 m/2400 Ws/ISO 100/21°): f/45.0

30 05 15 ProRing

## Technical Data

## Pro-7b 1200

Energy	1200 Ws
Energy Range	7 f-stops (18-1200Ws)
Energy Distribution	Channel A 37.5-1200Ws Channel B 18-600Ws
Asymmetry Range	2 f-stops
Battery Capacity	8000-250 flashes
Recycling times	0.09-2.8s
Flash Duration t 0.5	1/3000-1/1400 s
Modeling Lamps Total W/Pack (max.)	100 W
Modeling Lamps W/Head (max)	100 W
Modeling Light Modes	Timer (20, 40 & 60s)
Energy Control Increments	1/6 and full f-stops
Voltage stability	±0,5%
Guide number @ 2 meters/100 ISO with Magnum reflector	90.3
Specified data conditions	Pro-B head
Battery charger	100-127V / 200-240V, 50/60Hz (nominal)
Synchronization and control	
Sync Socket(s)	2
Lamp Head Socket(s)	2
Wire Sync Voltage	Compliant to ISO 10330 standard
Wire Sync Connector	¼ inch phono plug
Photocell/IR-slave and Switch	Yes
Miscellaneous	
Fan Cooled	No, vection cooled
Automatic Multi-Voltage	Yes, 100-240V/50-60Hz chargers
Charge time (empty battery)	5h (2A charger), 2.5h (Universal Power Adapter)
Ready Signals	Yes – ready lamp and switchable beep sound
Auto Dumping	Yes
Recharge Speed Control	Fast/Normal
Continuous model light	N/A
Measurements	
Dimensions	24x17x23 cm; 9.5x6.75x9 in (incl. battery)
Weight	11.5 kg; 25.35 lbs (incl. battery)