

Pro-B3 1200 AirS

Profoto



Profoto Pro-B3 1200 AirS

Fastest battery generator on the market. It's superior light anywhere.

The Profoto Pro-B3 1200 AirS is a newer and lighter version of the world-wide most popular, professional battery flash generator. This generator offers advanced features and an excellent performance:

- **Fast recycling times:** 0.06-1.8 s
- **Short flash duration:** 1/2200-1/7400 s with standard Pro-B head and ProHead
- **High capacity:** 300 flashes at full power and more than 30.000 flashes at lowest power
- **Low weight:** Just 8,8 kg (19 lb) incl. battery
- **Compact and handy:** (w) 17 x (d) 24 x (h) 28 cm (6.7x9.4x11 in) incl. handle
- **Wide power range:** 8 f-stops (1200-9 Ws)
- **Integrated radio sync:** Profoto AirS module with 300 m operating range, sync times down to 1/1500 s – the antenna is integrated in the module
- **Long battery life:** Advanced LiFe battery with 1200 charge cycles
- **Improved lamp sockets:** Safe and secure connection, allowing "hot-plugging"
- **Bright model light:** 250 W model light with standard ProHead's even in battery operation



Fastest pack on the market

The Profoto Pro-B3 1200 AirS is the fastest 1200Ws pack on the market, with a recycling time between 0.06 to 1.8 s, giving up to 16 flashes/sec. Plus, the very short flash durations of the Pro-B3 make it easy to freeze movement. The Pro-B3 AirS can be used while recharging.

Smallest and lightest

Pro-B3 1200 AirS is one of the smallest and lightest 1200Ws battery generators on the market and measures only

(w) 17 x (d) 24 x (h) 28 cm (6.7x9.4x11 in) incl. handle. The weight of the complete unit with battery is only 8,8 kg (19 lb). The generator offers an outstanding reliability and is easy to use.

Licensed to travel

The battery is licensed to travel and has been tested and certified according to UN manual of Test & Criteria, Part III, Sub-section 38.3. Making the battery flight approved all over the world.

LiFe Batteries

Profoto uses the most advanced and reliable rechargeable batteries: Lithium Ion Iron Phosphate (LiFePO₄), short – LiFe batteries. These batteries include sophisticated electronics: A special constructed BMS board (Battery Monitoring System) controls and adjusts their output to assure an optimal performance.

LiFe cells offer a very high capacity, are lightweight, withstand high loads and are very safe and reliable. On top, they have 4 times longer life-time than lead acid batteries and can be used in a wider temperature range. The integrated electronics also protect the LiFe battery against deep-discharge and overheating. Because of their special construction it is possible to use the same chargers for LiFe and Pb (lead acid) batteries. This simplifies the combined use of new and old battery generators and allows owners of previous Profoto battery generators to update their packs with the new LiFe batteries.



AirS

The Pro-B3 1200 AirS, has been implemented with the reliable radio slave system: Profoto Air Sync. The generator can be triggered from a distance up to 300 m (1000 ft). Ultra-short delay makes it possible to use the fastest sync times. Air Sync uses the same frequency all over the world, covering 8 separate channels.

The Profoto Air Sync provides a simple solution for you, to trigger it with your camera. Profoto Air Sync can also be used as a receiver and sync generators without built in Profoto Air.

Universal Power Adapter

The Profoto Universal Power Adapter (UPA) is a quick charger that can be used while shooting and does increase the operation time of the Pro-B3 seriously. The charging time of an empty LiFe battery with the UPA is just 2.5 h. On top the UPA operates as 12V/24V car charger (adapter cable included).

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 2

For fashion or other occasions when you want a direct and very distinct light, there is the Profoto ProRing 2. A ring flash, with a fan-cooled head, that is capable of as many 2400 Ws flashes per minute as the generator can produce, and also including a powerful 200 W modeling light.

The ProRing 2 includes: circular quartz flash tube, 10x20 W halogen modeling lamps, camera adapter, stand adapter and a 4 m (13 ft) special lamp cable.

Light spread angle: 75°

30 05 17 ProRing 2

Technical data

Pro-B3 1200 AirS

Energy	1200 Ws f-stop at 2 m with Magnum 50° reflector 90.3
Energy Control	Over an eight f-stop range (down to 9 Ws), in 1/10 or 1/2 step adjustments
Energy distribution	Symmetric or Asymmetric (2:1 ratio)
Recycling time	0.06-1.8 s @ full (0.9 s at 600 Ws)
Flash duration	1/2200 – 1/7400 s (with standard Pro-Head and Pro-B Head) NOTE: ProTwin and two Pro-B3 generators on the same equivalent power give half the recycling time and shorter flash duration.
No. of flashes per charge	300 @ full > 30 000 @ min
Number of Lamp Head Sockets	2
Modeling light	Up to 250W continuous or time controlled (max 60 s)
Auto Dumping	Yes
Battery type	13.2 V, 11.5 Ah, LiFePo4
Battery charging time	5 h with Profoto Charger 2A 2.5 h with Profoto Universal Power Adapter UPA
Battery status indicator	Yes
Battery life	1 200 charge cycles 80% capacity left
Battery operating temperature range	-20 °C to +50 °C (-4 °F to +120 °F)
Battery storage temperature range	-30 °C to +60 °C (-20 °F to +140 °F)
Radio Sync	Profoto Air: range up to 300 m, channel selector on generator Pocket Wizard: range up to 100 m, channel selector learn mode
Radio remote control	No
Size	(w) 17 x (d) 24 x (h) 28 cm (6.7 x 9.4 x 11 in) incl. handle
Weight	6.4 kg (14.1 lbs), exclusive of battery 8.8 kg (19.0 lbs), including battery
Others	Built in photocell, 2 sync sockets
Product No.	900980 Pro-B3 1200 AirS LiFe 900996 Pro-B3 1200 AirS (344MHz) LiFe (integrated Pocket Wizard) 900997 Pro-B3 1200 AirS (433MHz) LiFe (integrated Pocket Wizard)