



SB-300

Specifications

Electronic construction	Automatic Insulated Gate Bipolar Transistor (IGBT) and series circuitry									
Guide number (20°C/68°F)	18/59 (ISO 100, m/ft)									
Angle of coverage	Covers angle of view of 27 mm lens (FX format) or 18 mm lens (DX format)									
Effective flash range (i-TTL)	0.6 m to 20 m (2 ft to 66 ft); varies with ISO sensitivity, bounce angle, and aperture <ul style="list-style-type: none">Flash control mode: i-TTL, manualFlash mode: Fill flash (front-curtain sync), front-curtain with slow sync, rear-curtain sync, and rear-curtain with slow sync									
Options available using camera controls										
Bounce angle	Flash rotates vertically up to 120° with stops where the flash is pointing directly ahead and at 60°, 75°, 90°, and 120°									
Device on/off	Power switch used to turn SB-300 on and off									
Power source	Two AAA alkaline or NiMH batteries <ul style="list-style-type: none">Charging complete: LightsWarning: Blinks									
Flash-ready light										
Flash duration	Lights for about 1/1650 s when fired at full power									
Batter endurance and flash recycling time*¹	<table><thead><tr><th>Battery type</th><th>Minimum recycling time*²</th><th>Endurance*³/recycling time*²</th></tr></thead><tbody><tr><td>Alkaline</td><td>Approx. 4.0 s</td><td>70 or more uses/4.0-30 s</td></tr><tr><td>NiMH</td><td>Approx. 3.5 s</td><td>110 or more uses/3.5-30 s</td></tr></tbody></table>	Battery type	Minimum recycling time* ²	Endurance* ³ /recycling time* ²	Alkaline	Approx. 4.0 s	70 or more uses/4.0-30 s	NiMH	Approx. 3.5 s	110 or more uses/3.5-30 s
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Mounting foot lock lever	Locking pin prevents accidental detachment									
Other options	Thermal cut-out, firmware update* ⁴									
Dimensions (W x H x D)	Approx. 57.4 x 65.4 x 62.3 mm (2.3 x 2.6 x 2.5 in.) <ul style="list-style-type: none">Approx. 120 g (4.2 oz), including two AAA alkaline batteriesApprox. 97 g (3.4 oz), body only									
Weight										
Supplied accessories	Soft Case SS-DC1									

- *1 Figures are for fresh batteries; actual results may vary with performance and other factors even among batteries of identical ages and makes.
- *2 Time between flash firing at full power and flash-ready light illuminating when flash is fired once every 30 s.
- *3 Number of times flash can be fired at full power with flash-ready light illuminating within 30 s.
- *4 Firmware can be updated from camera.