Sphero®

BOLT+

BOLT and BOLT+ are advanced robotic balls designed for interactive learning and play for beginner to advanced coders, featuring an array of sensors and durable construction. While both models share many core features that helped BOLT become the #1 coding robot in education, BOLT+ introduces several enhancements, including a pixel LCD screen (replaces the 8x8 LED matrix), 6 programmable LEDs, exclusive programming Blocks, improved power management, and additional standards-aligned educational content. Below is a detailed comparison of the features available in BOLT and BOLT+.

| LCD DISPLAY | INDUCTIVE CHARGING | LIVE SENSORS | DURABLE SHELL | EXCLUSIVE BLOCKS | WATERPROOF DESIGN |

ELECTRIFY LEARNING

	BOLT	BOLT+
HARDWARE		
Accelerometer	✓	✓
Gyroscope	✓	✓
Infrared Communication	✓	✓
Ambient Light Sensor	✓	✓
Motor Encoders	✓	✓
128x128 Pixel LCD Display	X	✓
6 Programmable LEDs	X	✓
DURABILITY		
Drop-Tested UV Coated Polycarbonate Shell	✓	✓
Waterproof	✓	✓
SIZE		
Height: 73mm Width: 73mm Weight: 200g (About as big as a baseball)	✓	✓
PROGRAMMING		
Draw Canvas	✓	✓
Block Canvas *BOLT+ is programmable with additional exclusive Blocks	✓	✓
JavaScript Text Canvas	✓	✓
Roll to Distance	X	✓
650+ Images/Animations	X	✓
Display Sensor Data	X	✓
Display Text	X	✓
Manual Drive - Drive While Programming	X	✓
On Ambient Light Event Block	X	✓
On Software Buttons Event Block	X	✓
On Distance Event Block	X	✓
IMPROVED POWER MANAGEMENT		
Automatic Turn-off	X	✓
"Shake to Wake"	X	✓
Qi Wireless Charging (optimized for reduced charging cycles)	X	✓
CONTENT		
38 BOLT+ Lessons at Launch (with more to come!)	X	✓
20 Challenge Cards in Power Pack	X	✓
Power Pack Educator Guide	✓	✓
Compatible with the Sphero Edu App	✓	✓
Compatible with Sphero Global Challenge	✓	✓
Compatible with Computer Science Foundations	✓	✓

DRIVE & PLAY GAMES   BLOCK CODING   ART   MATH   SCIENCE   ENGINEERING   JAVASCRIPT

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