

# POWERTEC®

## 3-Way 360° Laser Level

**QUESTION...**  
1•847•780•6120

**WARNING**

For your own safety, read and understand all warnings and operating instructions before using any tool or equipment.

### 3-WAY LASER LEVEL

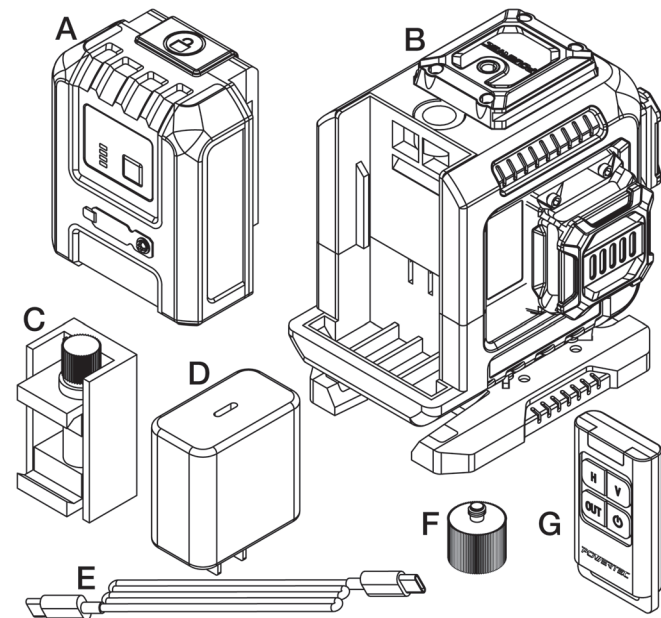
The Laser Level is designed to determine and check horizontal and vertical lines while laying tile.

### SPECIFICATIONS

Laser Class .....	Class II
Laser Wavelength (Green Light) .....	515nm
Laser Power .....	<1mW
Laser Accuracy .....	±0.2mm/m
Leveling/Compensation Range .....	3° +/- 1°
Working Distance (Line) .....	98.43 ft (30M)
Module Operation Time .....	Single Module: 32 hr
.....	Double Module: 20 hr
.....	Triple Module: 12 hr
Power Source .....	.8V/Nominal Voltage:14.8V, 2000mAh
IP Rating .....	IP54
Operation Temperature Range .....	14°F - 113°F
Storage Temperature Range .....	-13°F - 158°F

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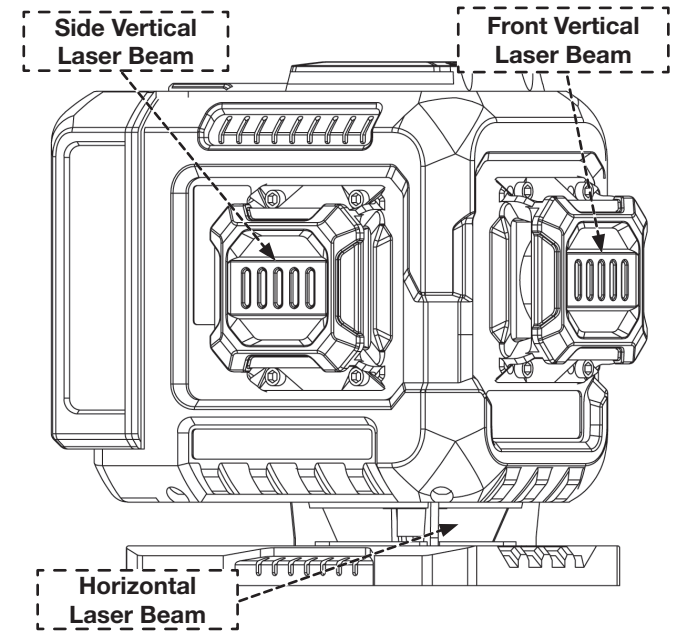
### LASER BEAMS



**! DANGER**

**LASER RADIATION!**

Risk of serious personal injury. Avoid direct eye contact with light source.

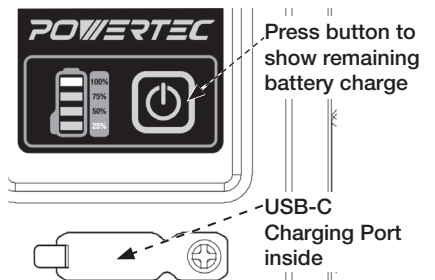


### Laser Specific Precautions:

- Risk of eye injury. Avoid all eye exposure to beams. Keep the beam away from eyes and faces.
- Always be aware of the beam location. Keep it away from people's eyes and heads.
- Watch out for reflected beams from mirrors, glass and shiny surfaces. Reflections off mirrors, glass, and shiny surfaces can be just as hazardous as the direct beam.
- Never aim a laser at or near aircraft or vehicles. This is unsafe and is illegal.
- Use of laser protective eyewear is recommended. As you use the laser, any other persons in the area should also have the same type of laser protective eyewear as you.
- Do not use sunglasses for laser protection. Sunglasses are NOT laser protective eyewear.
- Only allow use by responsible persons. Children should not be permitted to use Class II lasers.

### BATTERY INTERFACE

- **Four Bars**  
Fully Charged
- **One Bar**  
Low Battery



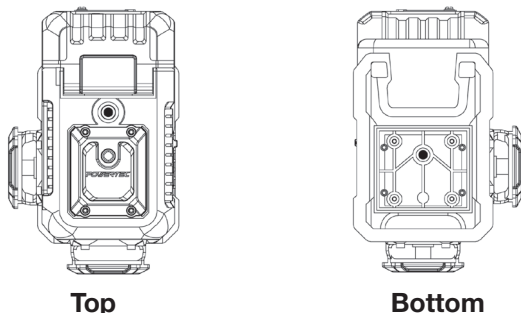
**Note:** Use original battery pack for best performance and safe compatibility with Laser Level.

**Note: Battery Replacement for Remote:** Use a screwdriver (not included) to loosen M2 screw in back cover of Remote Control and open it. After replacing with new CR2032 Coin Cell (3V LITHIUM), place back cover and fasten the screw. **Dispose of used battery safely. Never place in the trash.**



## 1/4"-20 FEMALE THREADED FOR TRIPOD OR LASER POLE (not included)


**NOTE:** When fitting the 5/8"-11 thread on tripod or laser pole, attach Conversion Chuck (F) to the Top or Bottom of Laser Level.

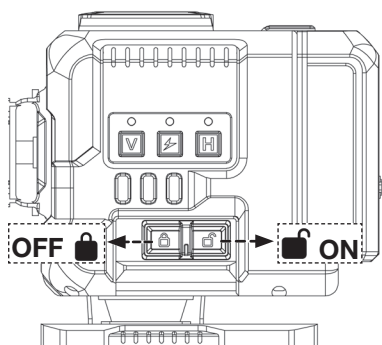
**NOTE:** Attaching 1/4"-20 threaded Lift Platform (C) will provide slight adjustment (back or forth) when Laser Level is mounted on a tripod or laser pole. Make sure the Lift Platform is tightly fastened.








## ON/OFF SLIDE LOCK SWITCH

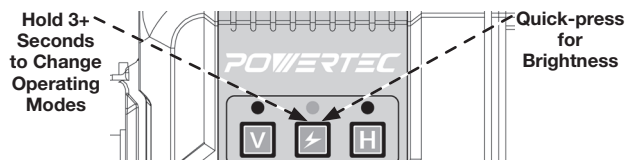
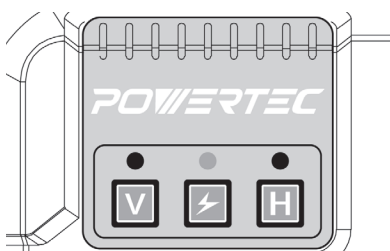
- To turn the unit ON slide switch [  ] to the right to unlock.
- To turn the unit OFF slide switch [  ] to the left to lock.

**NOTE:** When moving or storing the Laser Level, ALWAYS keep Lock Switch in [  ] locked OFF position.



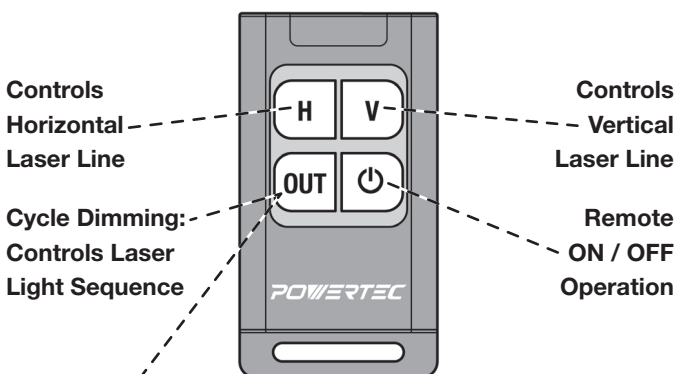
## LASER LEVEL CONTROLS

- [  ] Key Controls Vertical Line
- [  ] Key Controls Cycle Dimming
- [  ] Key Controls Horizontal Line
- [  ] Key also adjusts brightness.
- Quick-press [  ] Key to adjust through 4 levels of brightness.



## REMOTE CONTROL FUNCTIONS

The laser level produces a bright green straight line or cross line, which assists in positioning and alignment when workers need accurate straight lines during construction, greatly improving work efficiency.



### OUT Key Functions:



- 1st quick-press of [ OUT ] Key—increases brightness.
- 2nd quick-press of [ OUT ] Key—for stronger laser beam.
- 3rd quick-press of [ OUT ] Key—beam will flash.
- 4th quick-press of [ OUT ] Key—reset to default brightness.

## CAUTION




Sound alert. In Self-Leveling Mode, the Laser Level is inoperative when positioned on an inclined surface (>3°). A sound alert of “beep beep beep” indicates inoperative positioning.

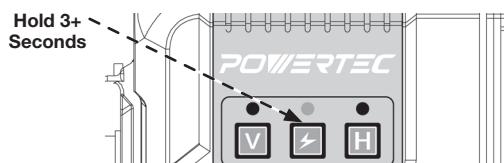
## OPERATING MODES

### Self-leveling Mode

- **To turn Laser Level ON:** Slide Lock Switch to [  ] ON position which will unlock the Laser Level.
- Immediately after turning ON, Laser Level sends out 1 Horizontal beam with an automatic leveling range of  $\pm 3^\circ$ .
- Once leveling is completed, laser beam will no longer flash, indicator remains steadily illuminated.
- **To turn Laser Level OFF:** Slide Lock Switch to [  ] OFF position which will lock the Laser Level.

### Manual Mode

- Press and hold [  ] Key for 3+ seconds to start manual mode. Indicator light will blink.
- In Manual Mode, this Laser Level will not self level but can be placed on an inclined surface to project a solid laser beam at any angle.
- [  ] Key also adjusts brightness.
- Quick-press [  ] Key to adjust through 4 levels of brightness.



Visit us on the web at [www.powertecproducts.com](http://www.powertecproducts.com)



Put these instructions and the original sales invoice in a safe, dry place for future reference.

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