

# Product Data Sheet

No. **41154** - 07/13

## BATON TRAFFIC FLARE & KIT



### PRODUCT NUMBER:

1154 - SAFETY YELLOW BATON TRAFFIC FLARE AMBER LEDs  
1155 - SAFETY ORANGE BATON TRAFFIC FLARE RED LEDs

1157 - SAFETY ORANGE BATON TRAFFIC FLARE KIT AMBER LEDs  
1158 - SAFETY YELLOW BATON TRAFFIC FLARE KIT RED LEDs

US Patent #D650,932S and other patents pending

### I. GENERAL DESCRIPTION

**Features:** The Aervoe Baton Traffic Flare is a rechargeable multipurpose signaling device used as an emergency road flare, a handheld safety wand or flashlight. Made of durable polycarbonate plastic, this 15-LED flare is a safe alternative to incendiary flares. It is crushproof with an impact resistant rubber housing and waterproof. Also includes an N35 magnet to attach it to any ferrous metal surface. Features 5 flash patterns, including S.O.S. Rescue Morse Code, with visible light range of 1/2 to 1 mile. The flashlight includes one 1/2-watt LED and operates independently from the flash patterns.

The single pack #1154 and #1155 models come with a 120V wall charger, a 12V vehicle charger, and a storage bag.

The #1157 and #1158 kit models come with a total of 3 Baton Traffic Flares, a hard plastic storage case that also operates as the charging center, a 120V wall charger, a 12V vehicle charger, and two #1159 Flex Fit Tripods.

**Benefits:** Rechargeable Baton Traffic Flares replace toxic incendiary flares that are banned in many states and meet stringent California VOC emission guidelines. In addition there is no smoke, flame or ash created as when those types of flares are used. They are impact resistant, and can even withstand being run over by a truck. The versatile design gives greater flexibility of use including 5 flash patterns and a flashlight to work in different situations; and many applications including roadside, handheld, underwater, or attached to ferrous metal surfaces. The rechargeable design means there are no batteries to replace. Keep charged and ready to go by plugging into the vehicle power receptacle or wall outlet.

**Uses:** Lay Flares on the ground as a road flare, hold in your hand as a safety wand, or flashlight. Use underwater, or attached it to any ferrous metal surface, including cars, trucks, and signs, using the heavy duty magnet. May be used in any weather condition. Ideal for road safety identification by emergency responders and personal vehicle operators. May also be used on construction sites, for aviation marshalling and taxiing, event management, in marine applications for boater emergency safety or scuba, and much more.

The 3-pack kit are perfect for emergency responders, and event managers, where multiple devices are needed. The included Flex-Fit Tripods elevate flares off the ground in a vertical position for greater visibility. Additional tripods may be purchased separately.

**Warnings:** Read operating instructions thoroughly prior to use. Do not use in flammable or explosive environments without first receiving approvals from a designated safety agency. Never use if damaged or electrical components are exposed. Flares are not certified for intrinsically safe applications.

#### DOT & Traffic Safety Compliance:

U.S. DOT (FMCSA) 49 CFR § 392.25 & 393.95 (g)  
Prohibits the carrying of any flame-producing flare on any Commercial Motor Vehicle (CMV) transporting explosives; any cargo of flammable liquid or flammable compressed gas, whether loaded or empty; or any CMV using compressed gas as a motor fuel.

MUTCD Type A (flashing) and Type C (solid on)  
NFPA 1901 Standards for Traffic Safety, Section 6.7.3 Miscellaneous Equipment.

#### Packaging:

|                 |                    |                    |                             |
|-----------------|--------------------|--------------------|-----------------------------|
| Each clamshell: | 1 lb. (0.5 kg)     | 0.18 CF (0.005 CM) | 8.9" L x 2.25" W x 15.6" H  |
| Case (4/case):  | 5 lbs. (2.27 kg)   | 1.2 CF (0.03 CM)   | 11.4" L x 10.6" W x 16.7" H |
| Each Kit:       | 6.25 lbs. (2.8 kg) | 0.48 CF (0.014 CM) | 16.75" L x 4" W x 12.375" H |
| Case (2/case):  | 12 lbs. (5.44 kg)  | 1.09 CF (0.03 CM)  | 17.4" L x 8.75" W x 12.8" H |

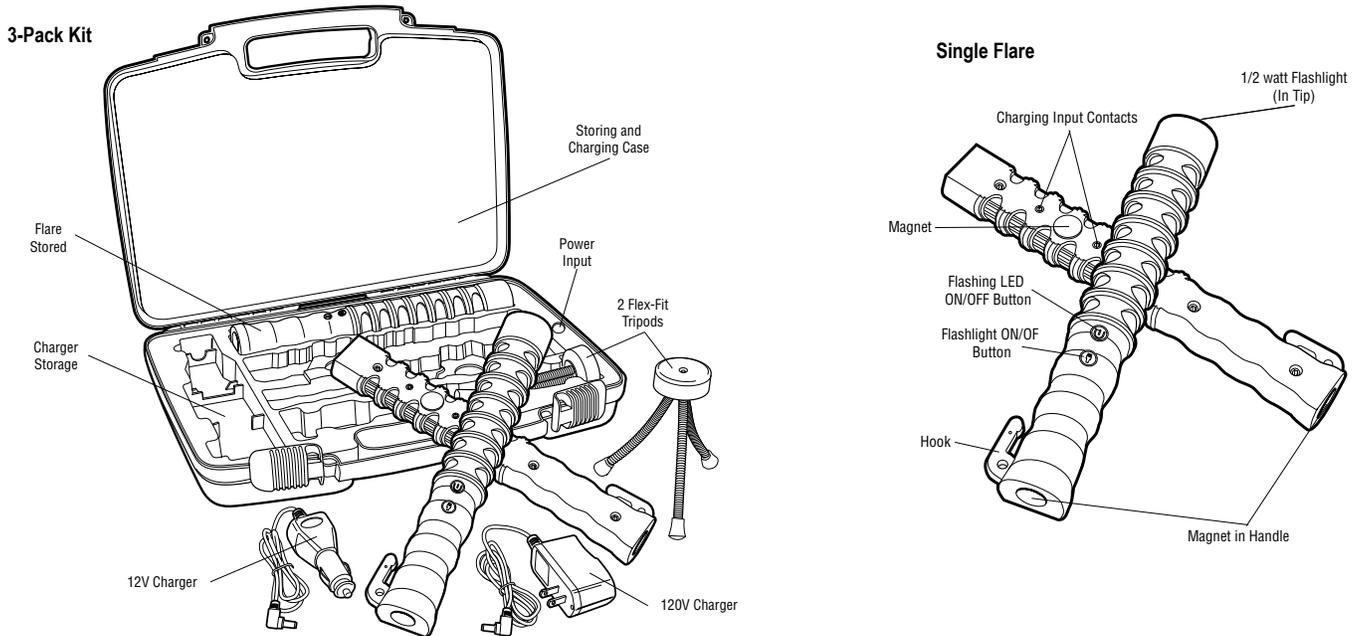


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## II. DIAGRAM



## III. SPECIFICATIONS

|   |   |
|---|---|
| Internal Rechargeable Battery.....          | Lithium Polymer 3.7V - 1200 mAh   |
| Charging Specifications                     |   |
| 120V AC/DC Charger (CD& C/UL Listed) .....  | Input: 100-240V AC, 50-60Hz<br>Output: 6.5V DC, 1200 mAh  |
| 12V DC Charger (CE) .....                   | Input: 12-24V DC<br>Output: 6.5V DC, 1200 mA  |
| Charging Times .....                        | 1 Flare = 3-4 hours<br>3 Flare Kit = 6-8 hours  |
| Temperature Range.....                      | -32°F to 240°F (-36°C - 116°C)  |
| Weight .....                                | 1154/1155: 9 oz.<br>1157/1158: 6 lbs. 4 oz.   |
| Dimensions.....                             | 1154/1155: 12.125" L x 1.75" W x 1.375" H<br>1157/1158: 16.75" L x 12.375" W x 4" H   |
| Replacement Flares & Flex-Fit Tripods ..... | Replacements for the Kit may be purchased using P/N #1154 or #1155 for the flares and #1159 for the Tripod from your local retailer or <a href="http://www.aervoe.com">www.aervoe.com</a> . |

| FLASH PATTERN  | RUN TIME |
|--|----------|
| #1 - ROTATE  | 10 HOURS |
| #2 - QUAD FLASH  | 16 HOURS |
| #3 - ALTERNATING BLINK   | 8 HOURS  |
| #4 - S.O.S. RESCUE (MORSE CODE)  | 12 HOURS |
| #5 - STEADY ON - HIGH  | 7 HOURS  |
| Flashlight (operating alone).<br>Operating the flashlight with any of the other flash patterns will reduce overall operating time. | 8 HOURS  |

*The stand-by charging feature allows flares to be kept plugged in when not in use without damage to the battery or unit. Ensures flares will be charged and ready for use when needed. Flares will keep a full charge for 90 days.*

## IV. MISCELLANEOUS

Note: Batteries must be recycled or disposed of properly. Consult local disposal agencies for proper disposal procedures.

## V. WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aervoe representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase.