

HEL-STAR 6®

Helmet-Mounted Light (Multi-Function)



HEL-STAR 6® Gen III+ is the latest in the series of HEL-STAR 6® marker lights designed specifically for helmet-mounting for airborne, MFF, and ground tactical operations. Gen III+ has all of the features of the Gen III in an updated, streamlined package. Available in tan or black.

HEL-STAR 6® continues to provide four user-defined functions in two selectable operating modes in a combination of white, green, blue, red, and IR, each in either steady, flashing or IFF coded operation.

Field reprogramming option is available upon request. Requires the purchase of a Programming Interface Module (PIM).

HEL-STAR 6® Gen III+ Advantages

- **Safety** - The unique battery access design provides a curved profile on all sides, minimizing snag hazard. Velcro® attachment provides emergency peel-away from helmet to reduce potential for snag-related injury.
- **Versatility** - Up to four user-defined functions are available in a range of visible colors and IR signals, either flashing, coded or steady.
- **Visibility** - Omni-directional. Intensities can be scaled up or down for special requirements. White flash exceeds FAA 3-statute mile requirements.
- **Simple, Secure Operation** - Switches are designed for positive operation by a gloved-hand, in the blind, with the helmet donned. Mode selection switch design options provide operational flexibility or strong security between overt and covert operating modes.
- **Operating Extremes** - HEL-STAR 6® is shock and vibration resistant, dustproof and open sea waterproof to 130 fsw (laboratory 300+ feet).
- **Status Confirmation** - Switch design provides visual and tactile confirmation of ON/OFF and operating status with no guesswork; visual confirmation prevents inadvertent battery discharge in the IR operating mode.
- **Easy Battery Replacement** - The single CR123 cell can be replaced in the field, quickly, without special tools.
- **Field Reprogramming** - Color, flash rate, and light intensity can be reprogrammed with a wireless handheld device (PIM). A default feature returns the unit back to original factory settings.



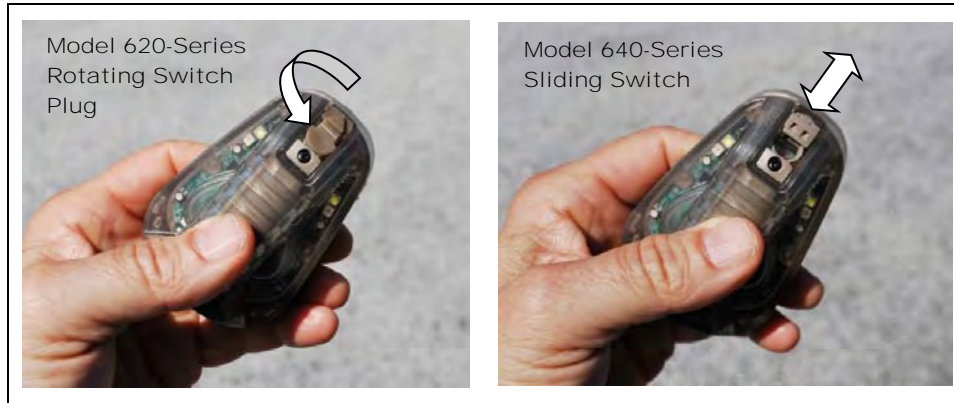
U.S. Patent 8,534,861



CORE Survival, Inc. • 4241 116th Terrace North • Clearwater, FL 33762
Tel: 727.576.1700 • info@coresurvival.com
www.coresurvival.com

HEL-STAR 6® Gen III+

MODEL/PART NUMBER OPTIONS



Main Switch: 0=Off, Functions 1 & 2 · Nose Switch/Plug: ▲=Mode A, ▼=Mode B

| Model | CORE P/N | Name NSN | Mode A Functions | | Mode B Functions | |
|------------|--------------------|-------------------------|-----------------------|---------------------------|------------------|-------------------------|
| | | | A1 | A2 | B1 | B2 |
| HS-620 | HS-620-01 | | GR (Steady/Dim) | GR (Steady/Dim) + WH (FL) | IR (FL/Dim) | IR (FL/Bright) |
| | HS-620-02 | | GR (Steady) | GR (Steady) + WH (FL) | IR (FL) | IR (FL/Bright) |
| | HS-620-03 | | GR (Steady/Dim) | GR (Steady/Dim) +WH(FL) | IR (FL/Dim) | IR (FL/Bright+) |
| | HS-620-04 | | WH (FL) | GR (Steady) | IR (FL) | IR (FL/Bright) |
| | HS-620-06 | | IR (Steady/Dim) | WH (FL) | IR (Steady/Dim) | IR (FL/Bright+) |
| HS-640 | HS-640-01 | 6210-01-621-4819 | GR (Steady) | GR (Steady) + WH (FL) | IR (FL) | IR (FL/Bright) |
| | HS-640-02 | 6210-01-627-4127 | GR (Steady) | GR (Steady) + WH (FL) | BL (Steady) | BL (Steady) + WH (FL) |
| | HS-640-03 | | GR (Steady) | GR (Steady) + WH (FL) | IR (FL) | IR (Steady) |
| | HS-640-04 | | GR (Steady) | RD (Steady) | IR (FL) | IR (Steady) |
| | HS-640-05 | | GR (Steady) | GR (Steady)+ WH (FL) | RD (Steady/Dim) | IR (FL) |
| | HS-640-07 | 6210-01-651-3046 | GR (Steady) | GR (Steady) + WH (FL) | IR (FL/Dim) | IR (FL/Bright+) |
| | HS-640-08 | 5850-01-648-0673 | WH (FL) | GR (Steady) | IR (FL) | IR (Steady) |
| | HS-640-09 | Rescue Model | GR (Steady) | GR(Steady)+WH(FL/B+) | IR (FL) | IR (FL/Bright) |
| | HS-640-10 | 6210-01-630-6231 | GR (Steady) | GR (Steady) + WH (FL) | RD (Steady) | RD (Steady) + WH (FL) |
| | HS-640-11 | | GR (FL) | GR (Steady) + WH (FL) | IR (FL) | IR (Steady) |
| | HS-640-12 | LE Model | GR (Steady) | GR (Steady) + WH (FL) | RD (FL) | Blue (FL) |
| | HS-640-14 | Fire/Rescue | GR (Steady) | GR (Steady) +WH(FL/B+) | BL (Steady) | BL(Steady)+WH(FL/B+) |
| | HS-640-15 | | GR (Steady) | GR (Steady) + WH (FL) | BL (Steady) | RD (Steady) + WH (FL) |
| | HS-640-16 | | GR (Steady/Dim) | GR (Steady/Dim) + WH (FL) | IR (FL/Dim) | IR (FL/Bright) |
| | HS-640-17 | | RD (Steady) | RD (Steady) + WH (FL) | BL (Steady) | BL(Steady)+WH(FL) |
| | HS-640-18 | | GR (Steady) | GR (Steady) + WH (FL) | IR (Steady/Dim) | IR (FL/Bright+) |
| | HS-640-25 | | GR (Steady/Bright) | RD (Steady/Bright) | IR (FL/Dim) | IR (FL/Bright+) |
| | HS-640-28 | | GR (Steady) | GR (Steady) + WH (FL) | IR (FL/Dim) | IR (Steady) |
| | HS-640-33P | Ski Patrol | RD (FL/Bright+) | RD (Steady) | WH (FL/B+) | RD (FL/B+) + WH (FL/B+) |
| | HS-640-36C | Civilian Program | WH (FL) | GR (Steady) | RD (FL) | BL (Steady) |
| HS-640-56P | LE Tactical | GR (Flash) | RD (Flash) | IR (Flash/Dim) | IR (Steady) | |
| HS-640-69P | | GR (Flash) | GR (Steady) + WH (FL) | IR (Steady /Dim) | IR (Steady) | |

Standard Body Color is in Tan. Add "B" to end of the P/N for a Black Body.

Operating Options

| Color Code | | Signal Type | Signal Intensity |
|--|----------------------------|--|---|
| BL = Blue | RD - Red WH = White | S = Steady | Dim, Standard, Bright, Bright+ |
| GR = Green | WH = White | F = Flash (60 fpm) FN = NATO Flash (30 fpm) | "Bright+" is significantly brighter than "Bright" All White Flash are "Bright" to meet FAA 3 statute mile visibility. * Higher intensities shorten battery life |
| IR = NIR Infrared | SWIR = Short Wave Infrared | Morse Code Letters A, D, K, V, Z, SOS | |
| P= Tactical Field Reprogramming with a PIM | | C = Civilian Field Reprogramming with a PIM | All units have an integrated tie down |

CORE Survival, Inc. · 4241 116th Terrace North · Clearwater, FL 33762 · Ph: 727.576.1700

Email: info@coresurvival.com · www.coresurvival.com

6.8.21

Certain models with restricted IR are controlled and cannot be shipped or carried outside of the U.S. without written permission from U.S. Commerce.