



## LITHIUM BATTERY

### Overview:

- Capacity: 15 Amp
- Input: 5-Volt 2-Amp max (USB Standard)
- Output: DC 12-Volt, 5-Volt
- Power indicator: 5 LEDs indicate charge capacity for 0-100%
- Protection circuitry: over current, short circuit, over charge, over discharge
- Ships with:
  - Battery
  - 12-Volt bare wire output cable with crimps and heat shrink tubing
  - USB charging cable

### Operation:

#### To Turn Battery "ON"

- Press control button once to turn battery on and activate both the USB 5-Volt and 12-Volt outputs.

#### To Turn Battery "OFF"

- Battery will automatically turn OFF after 30 seconds when power is no longer being pulled or drained
- Unplugging device(s) or turning device(s) off will start the 30 second automatic shut-off cycle
- Shut-off cycle: LED indicators will turn off after 15 seconds. Battery will turn completely off after another 15 seconds.

NOTE: *If devices are plugged in before 30 second shut-off cycle is completed, battery will reactivate and continue to supply power.*

### Charging:

- Attach USB charging cable to charge port on battery.
- Attach other end to standard USB charger or computer.
- Alternatively, attach USB cable to Wilderness Systems Solar Panels for topping off energy from the sun.
- LED indicators will flash when in charging mode and will switch to a steady glow when the charge is complete.

**IMPORTANT:** *Battery is packaged with partial charge only. Completing a full charging cycle is recommended for the battery to perform and function as intended.*

### Installation:

- If you prefer a more secure installation of your Wilderness Systems Lithium Battery to your kayak, you have the option to purchase a Wilderness Systems Lithium Battery Cradle. Its stainless-steel frame secures your battery even when the kayak is in rough waters or capsized. The Lithium Battery Cradle is optimized to fit within the hull of any kayak and is custom fit for the Wilderness Systems Lithium Battery.

### Care & Maintenance:

- Keep cable connectors covered when not in use.
- Store in a cool dry place.
- If stored for long periods, top off charge every 2-3 months to prevent battery from going completely flat.
- Battery is water resistant but NOT waterproof. DO NOT SUBMERGE

### Safety:

- Keep battery and parts out of reach of children, as they could be swallowed; if swallowed, contact your doctor immediately.
- Do not throw the battery into a fire, short circuit, or take the battery apart.
- If the battery is spent, remove from the light immediately to decrease the risk of leakage.
- Do not expose the battery to extreme conditions to decrease the risk of leakage, e.g. storage on radiators, in sunshine, etc.
- If leaking occurs, avoid contact with skin, eyes and mucous membranes; if coming into contact with battery acid, rinse affected areas directly with clean water and contact your doctor immediately.