**BATTERY BOX WORKSHOP**

to be held Saturday, 1/6/2024

Please respond directly to [humbert1js@gmail.com](mailto:humbert1js@gmail.com)

This and additional workshop information available online at: <https://thewebniche.net/> Updates will be posted to this site.

Mark your calendars for the **Battery Box Workshop** to be held at the Marbury Baptist Church Hall, 4670 Bicknell Road, Marbury, MD 20658!

**When**: Saturday, 6 January 2024, 9:00 a.m. - ?. Pam – KB3SWS will provide snacks/refreshments. In the event of wintry/inclement weather, a go/no go call will be made Friday, 5 January by 10:00 p.m.

**Who:** Any interested person. This information is being sent to local area amateur radio operators. **Please feel free to forward to any individual/group that may have an interest.**

**What:** Participants build their own portable power systems, aka battery box(es).

**How:** Basic equipment/tools will be available for sharing, but please provide your own, as desired. Charles-AA3WS will have a wide array of Greenlee punches available to make holes to mount your devices.

**Why:** Promote the use of portable power/backup power systems, have access to specialty tooling, comradery, and helping each other in a group setting.

For logistics purposes, please let me know as soon as possible if you plan to participate in the workshop.

Workshop preparation milestones:

11 December 2023: Group buy requirements due. I’ll review your order and get back to you with any questions and the estimated cost.

12 – 13 December 2023: Group buy order(s) placed

6 January 2024: Battery Box Workshop

**Payment:** Payment for your share of group buy itemsand/or items purchased á la carte at the workshop can be made at the workshop via cash, personal check made out to Jeffrey Humbert, Zelle transfer to [humbert1js@gmail.com](mailto:humbert1js@gmail.com), or PayPal (please use friends and family option to avoid PayPal fees) also at [humbert1js@gmail.com](mailto:humbert1js@gmail.com)

**Components List:** The Excel spreadsheet lists the sources for the components of a battery box, based on the Powerwerx PWRbox2 Portable Power Box for 20-40Ah Bioenno Batteries. Participants can use the source list for ideas and scale up or down to develop their own system. The Excel spreadsheet has hyperlinks for each item, so you can review the vendor’s description on the web.

**Important Note:** Participants need to source their own box and then ensure that their battery will fit in the box they select.

\*I recommend all battery boxes, regardless of size, include a pair of binding posts as a base for harness wiring.

**Buying your components:**

The main vendors on the items list are Amazon and Powerwerx. If purchasing items from vendors via Amazon Prime, please buy and receive your own components for your creation. If you do not have an Amazon Prime account and want to purchase items, I can purchase those items for you.

For those desiring Powerwerx items, I will coordinate a Group buy to drastically reduce the shipping charges you would incur, if purchased on your own. I’ll split the shipping charges among the group buy participants. Items eligible for the Group buy are listed as such under the “Notes” column.

You could procure all the parts and assemble them at the workshop, taking advantage of specialty tools available, or just build a box and add a battery later. Ideas for enhancing your box may be gathered from seeing other’s creations. For example, I have a Powerwerx PWRbox2 that I have modified to incorporate a West Mountain Radio Epic PWRgate and RigRunner and will have those displays available at the workshop.

**Group buy:**

Send me an email ([humbert1js@gmail.com](mailto:humbert1js@gmail.com)) with your order listing the spreadsheet Ref #s. For wiring harness components, please list the wiring harness # (highlighted in orange) that you want.

Note: You do not have to purchase the wiring harness items highlighted in dark blue before the workshop. I intend to have those items available á la carte at the workshop.

For example, a group buy order for “Building a Box similar to Powerwerx PWRbox 2.”

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From: ImmaHam@radio.com

To: humbert1js@gmail.com

Subj: Battery Box Workshop Group Buy – Imma AC3AC

Imma - AC3AC– Group buy request.

Ref #s: 1, 2, 6

Wiring Harness #s: 1, 2, 3, 4

73

Imma

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If you have any questions, contact me directly at humbert1js@gmail.com.

73

Jeff - KB3SPH

humbert1js@gmail.com

Cell/Text: 301-848-8043