

RATHBONE BROADCAST BATTERIES

Since 1989

DO NOT DO A REFILL!

THESE THINGS BELOW I ALREADY KNEW FROM PERSONAL INSPECTION.

THIS GUY USES CONSUMER GRADE CHINESE CELLS MANUFACTURED IN CHINESE FACTORIES UNDER CHINESE MANAGEMENT, NO MATTER WHAT "AMERICAN" OR "SOUTH AFRICAN" NAME IS ON THE LABEL!

THEY DO NOT PLASTIC WELD THE CASES, THEY ARE GLUED.

THE WORK IS TERRIBLE, LIKE ON MY AMATEUR PAGE.

I have contacted several of their claimed success stories to discover they were unhappy with the quality of the refills and only used them the one or two times.

THEY DO NOT TEST THE BATTERIES ON ANTON BAUER 2702'S WITH DDM. THEY HAVE NO CLUE WHAT AN AB2702 WITH DDM IS OR HOW THE COMPONENTS INSIDE THE BATTERIES WORK.

THEY SET UP ALIAS NAMES AND EMAILS AND, LIKE THIRD PARTY, PROMOTE THEMSELVES HIGHLY. IF THEY GET A REAL COMPLIMENT IT IS FROM SOMEONE OF BATTERY IGNORANCE.

THEY ARE NOT A TRUE BATTERY ASSEMBLER.

THEIR PRIMARY FOCUS IS ON A MARKET I DROPPED IN 1994 BECAUSE OF THE CRAP PUT OUT BY THE FACTORIES AND AFTERMARKET COMPANIES, LAPTOP BATTERIES.

THAT IS JUST A FEW REASONS OF A LOT MORE.

Amateur Page:

http://allbroadcastbatteries.com/broadcast_battery_rebuilding/battery_answers_a_mateurs_work.htm

I have several PDF white pages. No one reads them all but usually file them in a battery reference folder. But take a look at the high load pdf.

FYI – REBUILDING and PDF white page list:

Since 1989 Rathbone has custom assembled primary and rechargeable battery cells into battery inserts and battery packs for many industries. We have also rebuilt broadcast batteries since 1989.

I have over 300 pages on 4 web sites and am changing rebuild pages in between other work, mostly non-paying, as I stage for new infrastructure funds from 3 different markets all 18-24 months away, maybe.

From my personal experience, the Dionic series has just too many internal issues which were, from my experience, normally the real reason for failure of the Dionic batteries sent to me for rebuild. Guys say they are great. ? What have the guys compared them to? What battery background do the guys have? What you have not had or seen you do not miss. Does that mean I want to watch the world from a TV? No!

If I still used nickel cadmium battery cells and did the ProPac Logic or Digital Logic the price would be \$197.00 each converting you from 60WH to 82WH at 5 pounds each and a 6 week delivery as with 5 technicians assembling battery cells into inserts and other technicians doing broadcast rebuilds, it still takes time to do the job correctly. And these cells did not handle heat well but they were the best available cell.

Each rebuild would be with the best available Sanyo KR5000DEL battery cell offering +/- 500 discharge cycles, paper tube insulators, plastic welded case and ALL are fully tested on Anton Bauer 2702 Smart chargers with the DDM. They must pass these tests before being inserted back into the full case and plastic welded back together.

I no longer use nickel cadmium or nickel metal hydride battery cells. As you may already know, I used to supply a 1200 discharge cycle sintered positive electrode nickel cadmium battery cell from GE/Gates, Panasonic, and finally, Sanyo. Nickel cadmium is now banned in many countries. GE/Gates is out of the battery business. Panasonic dropped all nickel cadmium in 2005 as soon as these bans went onto paper. Sanyo later followed. In a race with LG Chem for top position in lithium ion and lithium polymer, Panasonic later dropped Nickel Metal Hydride, small cells, focusing strictly on Lithium Ion. Sanyo, attempting to restructure followed. Last year Panasonic bought Sanyo battery and Sanyo battery is or has now eliminated all their Ni-CD and Ni-MH production. So, Sanyo and Panasonic no longer manufacturer nickel metal hydride either. I do not do Chinese battery cells no matter the label on the cells.

If I could find quality Panasonic or Sanyo Ni-MH the date codes would be too old and unacceptable for new assembly or rebuilding by me.

1. I no longer rebuild any Lithium ION, Nickel Cadmium, or Nickel Metal Hydride battery, all for very good reasons, Everyone ask the same questions over several calls or emails. With copy and paste I cover everything.

3. When you buy at least four of my NEW Lithium Ion batteries with LG Chem, Panasonic, or Sanyo Very Best Lithium Ion Battery Cells, you get a FREE 2 port simultaneous charger with a built in 4 pin XLR power supply included.

At www.rathbonebroadcastbatteries.com please see this PDF files on the bottom of the home page.

[high_load_issues_02252009.pdf](#) (High Load Issues) READ

[Rebuilding Dionic 90 PDF](#). (Read)

[Rebuilding IDX Battery PDF](#) (READ)

[Red_One_alternative_1_pdf](#)

[V Mount Technology PDF](#) (READ)

[Rebuilding_ab_digitals_rev1 PDF](#) (READ)

[First the Nickel Cadmium Batteries](#). (Read. Info you and your sister stations should know)

[rbli_battery specifications](#): (My battery specifications, run times, and charge times) (My batteries WILL charge on the PAG chargers)

[rbli_battery_specification_fp_3015.pdf](#) (Our answer to HMI lights and high load issues. This is a battery that looks like a brief case and can be found at www.rathbonebroadcastbatteries.com)

[rbli_msds](#): (Proper handling of Lithium Ion Batteries and the chemical contents. Chemical is volatile, but not environmentally unfriendly like cadmium is to the human body)

[rbli_charger_specs](#): (My battery charger specifications-I have a "detailed spec sheet if required)

www.rathbonebroadcastbatteries.com (Broadcast Equipment with Detail and enlargeable pictures)

www.rathboneenergy.biz (On-Line Store with On-line Specials)

Recycle of your cases and packs. You can use your local home improvement store or electronics store as most have recycle containers on the premises. Otherwise I can email you a recycle contact and address where you can ship them.

Please send an email and let me know.

Sincerely,

Ron L. Rathbone

Sales

Rathbone Energy

Newport, TN 37821

There's a better way - rathboneenergy.com - when cell quality is paramount.

sales@rathboneenergy.com

sales@allbroadcastbatteries.com

865-484-1783 Office

Active Web Sites:

www.rathbonebroadcastbatteries.com (Strictly for broadcast battery and equipment selection and information)

www.rathboneenergy.biz (On-line Store-Special Pricing, not much detail)

www.rathboneenergy.com (Detailed product information for all battery power industries.)

www.rathbonebatteries.com

These are the only internet addresses for Rathbone Energy or Rathbone Broadcast Batteries.

An SBA Certified HubZone Empowered Business and potential tax incentive for your company.