



Fig. 2.

recoverable silver when the cell is discharged! Buy only dry charged cells that are unused, and preferably ones that are still sealed from the atmosphere. Once electrolyte

has been added, the life span of the cell ranges from six months to two years, with the high discharge cells having the least life span.

My main application for the cells is to power an RF Communications MARS issue RF-403 VHF transceiver. Using 9 Yardney HR-5DC-8 cells results in a handy-pack that could run the set on full transmit (20 Amps) for about 15 minutes of continuous transmission! Since the set draws only 150 mA on

receive and about 3 Amps on reduced power transmit, I typically get 10 to 12 operating hours between charges from a package that measures only 2.9 x 1 x 5.3 inches, and weighs only a little over 3 pounds! Obviously, the operating time would depend heavily upon the transmit to receive duty cycle. The size to energy ratio of these little jewels makes it worthwhile to search through your favorite surplus mart and invest in them. ■

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Compiled by  
Warren Eilly WA1GUD/1

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