AccessionIndex: TCD-SCSS-T.20121208.110
Accession Date: 8-Dec-2012
Accession By: Prof.J.G.Byrne
Object name: Sharp ELSI MATE 869S Calculator
Vintage: c.198x
Synopsis: Early example of use of solar cell and LCD display in simple electronic
calculator. S/N: 8C143.

Description:
The Sharp ELSI MATE 869S was powered by a solar cell. LCD displays had already
led to a sharp reduction in the power consumption of calculators, but the use of solar
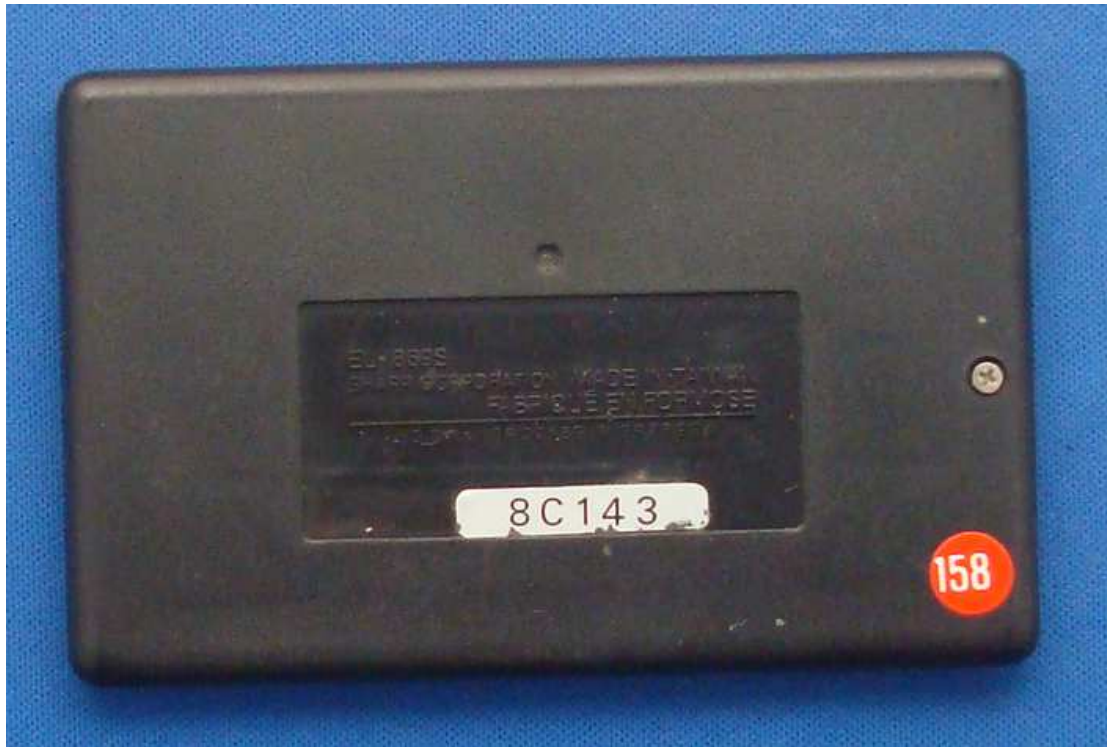cells was a relatively new concept at the time.

The 869S had an 8-digit LCD display, measured ?? x ?? x ??mm, weighed ???g, and
was powered by 4 solar cells. It had the basic four arithmetic functions plus square-
root and percentage. It also had a single memory register with memory add, subtract,
and recall/clear.

Accession Index	Object with Identification
TCD-SCSS-T.20121208.110.001	Sharp ELSI MATE 869S Calculator. S/N: 8C143
TCD-SCSS-T.20121208.110.002	Sharp ELSI MATE 869S Calculator carrying case. S/N:

References:

Figure 1: Sharp ELSI MATE 869S Calculator front view

Figure 2: Sharp ELSI MATE 869S Calculator rear view
S/N: 8C143