

BUTTON BATTERY FOR IMPROVING UTILIZATION RATE OF RADIAL SPACE

ABSTRACT

The present disclosure includes a metal housing, a cell arranged in the metal housing, and a cover plate arranged on the metal housing. The cell includes a cathode and an anode. The cover plate and the metal housing have a same polarity and are integrated by laser welding to realize a more reliable sealing of the battery housing. A cap is arranged at and protruded from an outer side of the cover plate. An insulating member is arranged between the cover plate and the cap to prevent a short between the cover plate and the cap. One of the cathode and the anode is electrically connected to the metal housing, and another of the cathode and the anode is electrically connected to the cap.

Figure 1