

ABSTRACT

BUTTON-TYPE LITHIUM ION BATTERY WITH METAL HOUSING

The present disclosure provides a button-type lithium ion battery with a metal housing, including: a metal housing; a cell, received in the metal housing; a terminal, disposed on an outside of the metal housing; at least one first electrode tab, arranged on the cell and electrically connected to the metal housing; at least one second electrode tab, arranged on the cell and electrically connected to the terminal; and an insulating member disposed between the metal housing and the terminal; wherein the insulating member is insulating and sealing the metal housing and the terminal; a polarity of the at least one first electrode tab is opposite to that of the at least one second electrode tab; a polarity of the metal housing is opposite to that of the terminal; the metal housing and the terminal are sealing connected to the insulating member by means of heat or adhesion.

Figure 2