ABSTRACT OF THE DISCLOSURE

BATTERY MODULE WITH COOLING CARTRIDGE AND BATTERY SYSTEM THEREOF

The invention provides a battery module with cooling cartridge and battery system thereof. The cooling cartridge is utilized to be disposed between the battery units stacked in a single axis. The supporting portion of the cooling cartridge is directly contacted in a large area to the current collecting sheet of the battery unit. And the wing portions, extended from the two sides of the supporting portion, are directly contacted to the inner sidewalls of the metal housing. Therefore, a large-area heat dissipating path for the battery cell is provided, and the performance and stability of the battery cell are greatly improved.

Figure 1A