

ABSTRACT

A storage battery apparatus according to an embodiment, includes an output terminal TO; a switch 40 which switches an output state of the output terminal TO; a battery module MDL which outputs temperature information of a battery cell embedded therein; a contactor 12p, 12n which electrically connects a main circuit and the battery module MDL; a battery management unit which compares a temperature of the battery cell based on the temperature information of the battery cell and a first over-temperature threshold, opens the contactor 12p, 12n and switches the output state of the output terminal TO, when the temperature of the battery cell is equal to or higher than the first over-temperature threshold; and a safety supervisor unit 12 which compares a temperature of the battery cell based on the temperature information of the battery cell with a second over-temperature threshold, opens the contactor 12p, 12n when the temperature of the battery cell is equal to or higher than the second over-temperature threshold, and switches the output state of the output terminal TO, wherein the first over-temperature threshold is lower than the second over-temperature threshold.