CLAIMS

1. A power management system for a hybrid boat, wherein the power management system operates a motor by simultaneously or selectively using generated power of a fuel cell and charge power of a battery, the power management system being configured to:

operate the motor only with the charge power of the battery until an output of the motor reaches a first power which is a preset output value of the fuel cell after a time when the motor starts operating, the battery being fully charged while the hybrid boat is at anchor;

operate the fuel cell when the output of the motor reaches the first power which is the preset output value of the fuel cell, and thus operate the motor only with the generated power of the fuel cell;

charge the battery with power remaining after the generated power of the fuel cell is used in operating the motor when a command value of the motor is lower than a value of the first power while the fuel cell is operated, or supply the generated power of the fuel cell and the charge power of the battery together to the motor for operation when the command value of the motor is higher than the value of the first power while the fuel cell is operated; and

set the preset output value of the fuel cell to a value

of second power lower than the value of the first power to reduce the output of the fuel cell when sections of an output curve of the motor in which the command value of the motor is lower than the value of the first power are more numerous than the sections of the output curve of the motor in which the command value of the motor is higher than the value of the first power.

2. A hybrid boat equipped with the power management system of claim 1.