

ABSTRACT

An integrated hydrogen gas generator with hydrogen water module comprises a water tank, an electrolytic module, an integrated flow channel
5 device, a humidifying module, and a hydrogen water module. The electrolytic module is configured to electrolyze the water in the water tank to generate a gas comprising hydrogen. The water tank, the humidifying module, and the hydrogen water module are respectively coupled to the integrated
10 passageway module so that the water and the gas comprising hydrogen flow in a special sequence between them. The humidifying module is configured to humidify the gas comprising hydrogen. The hydrogen water module is configured for accommodating liquid and receiving the gas comprising hydrogen into the liquid to form a liquid comprising hydrogen. The configuration of pipeline is replaced by the integrated passageway module in
15 the integrated hydrogen gas generator of the present invention.

Figure 2