What is claimed is:

1. An integrated hydrogen gas generator, comprising:

a water tank configured for containing a water to be electrolyzed;

an electrolytic module configured for electrolyzing the water and generating a gas comprising hydrogen;

an integrated passageway module disposed above the water tank;

a condenser coupled to the integrated passageway module for condensing an impurity in the gas comprising hydrogen;

a humidifying module coupled to integrated passageway module and having a humidifying chamber configured to humidify the gas comprising hydrogen; and

wherein, the integrated passageway module comprises a condensing passageway and a humidifying passageway coupled to the condenser and the humidifying module, so that the gas comprising hydrogen is transmitted among the condenser and the humidifying module through the integrated passageway module.

2. The integrated hydrogen gas generator of claim 1, wherein the integrated passageway module comprises an upper cover and a lower cover combining with each other to form the condensing passageway comprising a condensing passageway inlet and a condensing passageway outlet, the humidifying passageway comprising a humidifying passageway inlet and a humidifying passageway outlet, and an output passageway comprising an output passageway inlet and an output passageway outlet, the condensing passageway inlet is configured to receive the gas comprising hydrogen.

3. The integrated hydrogen gas generator of claim 2, wherein the humidifying module is coupled to the condensing passageway outlet and

the humidifying passageway inlet, the humidifying module is disposed between the integrated passageway module and the water tank, the humidifying module further has a communicating chamber coupled to the condensing passageway inlet of the integrated passageway module and the water tank, the electrolytic module is accommodated in the water tank to output the gas comprising hydrogen into the water tank, the gas comprising hydrogen flows to the integrated passageway module through the communicating chamber, and the communicating chamber is decoupled from the humidifying chamber.

4. The integrated hydrogen gas generator of claim 2, further comprising a gas baffle plate assembly disposed in the communicating chamber, the gas baffle plate assembly being configured to reduce or avoid a water vapor and an electrolyte of the gas comprising hydrogen flowing into the condensing passageway of the integrated passageway module.

5. The integrated hydrogen gas generator of claim 2, wherein the upper cover further has a first cap fixed at a position of the upper cover which is above and corresponding to the position of the humidifying passageway outlet, and the first cap movably covers the humidifying passageway outlet to selectively allow the gas comprising hydrogen to flow out of the humidifying passageway outlet or to block water and water vapor from flowing out of the humidifying passageway outlet.

6. The integrated hydrogen gas generator of claim 2, further comprising a nebulizer coupled to the integrated passageway module and configured to generate an atomized gas to be mixed with the gas comprising hydrogen and a filter coupled to the integrated passageway module and configured for filtering the gas comprising hydrogen, wherein the gas comprising hydrogen is transmitted among the condenser, the humidifying module, the filter and the nebulizer through the integrated passageway module; wherein the lower cover is an integrally formed structure, and the condenser, the humidifying module, the filter and the

nebulizer are directly coupled to the lower cover.

7. The integrated hydrogen gas generator of claim 6, wherein the lower cover further comprises a filtering inlet and a filtering outlet coupled to the filter, the output passageway is divided into a first section passageway and a second section passageway, the first section passageway is coupled to the output passageway inlet and the filtering inlet to input the gas comprising hydrogen to the filter, and the second section passageway is coupled to the filtering outlet and the output passageway outlet to output the filtered gas from the filter; the integrated passageway module comprises an upper cover combining with the lower cover to form a condensing passage way, a humidifying passageway and an output passageway, the upper cover further has a second cap fixed at a position of the upper cover which is above and corresponding to the position of the filtering inlet, and the second cap movably covers the filtering inlet to selectively allow the gas comprising hydrogen to flow into the filtering inlet or to block water and water vapor from flowing into the filtering inlet.

8. The integrated hydrogen gas generator of claim 6, further comprising a hydrogen water module coupled to the integrated passageway module, the hydrogen water module configured for receiving and mixing the gas comprising hydrogen with a liquid accommodated in the hydrogen water module to generate a hydrogen liquid, wherein the gas comprising hydrogen is transmitted among the condenser, the humidifying module, the filter, the hydrogen water module and the nebulizer through the integrated passageway module.

9. The integrated hydrogen gas generator of claim 8, wherein the hydrogen water module further comprises an input structure coupled to the lower cover and coupled to the humidifying passageway outlet to input the gas comprising hydrogen into the liquid to generate the hydrogen liquid, and the hydrogen water module further comprises an

output structure coupled to the output passageway inlet for outputting the gas comprising hydrogen, the hydrogen water module further comprises:

a water input/output structure configured for selectively providing a water input/output channel to allow water to be inputted to the hydrogen water module or to allow the hydrogen liquid to be outputted;

a grip part disposed on one side of the hydrogen water module away from the humidifying module, the grip part comprising a linkage button being disposed thereon; and

a telescopic buckle driven by the linkage button, the telescopic buckle being configured to selectively couple the hydrogen water module and the humidifying passageway.

10. The integrated hydrogen gas generator of the claim 9, further comprising a transfer valve disposed between the humidifying passageway and the output passageway, when the linkage button driving the telescopic buckle, the hydrogen water module being decoupled from the humidifying passageway and the output passageway, and the humidifying passageway and the output passageway being coupled to each other through the transfer valve.

11. The integrated hydrogen gas generator of claim 6, wherein the nebulizer has an nebulizer inlet and an nebulizer outlet, the nebulizer inlet being coupled to the output passageway for receiving the gas comprising hydrogen, the nebulizer outlet being couple to external environment, the nebulizer further generating an atomized gas to mix with the gas comprising hydrogen and form a health-care gas, and the health-care gas being outputted to the external environment through the nebulizer outlet.

12. The integrated hydrogen gas generator of claim 11, wherein a surface of the humidifying module is further recessed inward to form a

nebulizer accommodating chamber for accommodating the nebulizer.

13. The integrated hydrogen gas generator of the claim 7, wherein the humidifying module is disposed between the integrated passageway module and the filter, the humidifying module has a input column and a output column, the input column is coupled to the filtering inlet of the lower cover and the filter, and the output column is coupled to the filtering outlet of the lower cover and the filter, the input column and the output column are decoupled from the humidifying chamber; wherein the integrated hydrogen gas generator further comprises a bubbled stick disposed in the humidifying chamber of the humidifying module, the bubbled stick being coupled to the humidifying chamber and the condensing passageway for refining the gas comprising hydrogen from the condensing passageway, so that the gas comprising hydrogen being evenly distributed in the humidifying chamber.

14. An integrated hydrogen gas generator, comprising:

a water tank configured for containing a water to be electrolyzed;

an electrolytic module disposed in the water tank, and being configured for electrolyzing the water to generate a gas comprising hydrogen and outputting into the water tank;

an integrated passageway module disposed above the water tank, the integrated passageway module comprising a lower cover which is an integrally formed structure;

a humidifying module disposed above the water tank, the humidifying module coupled to the integrated passageway module and configured to humidify the gas comprising hydrogen; and

a filter coupled to the integrated passageway module and configured for filtering the gas comprising hydrogen;

wherein the gas comprising hydrogen is transmitted among the

humidifying module and the filter through the integrated passageway module.

15. The integrated hydrogen gas generator of the claim 14, further comprising a nebulizer coupled to the integrated passageway module for receiving the gas comprising hydrogen, the nebulizer further generating an atomized gas to mix with the gas comprising hydrogen and form a health-care gas, wherein the gas comprising hydrogen is transmitted among the humidifying module, the filter and the nebulizer through the integrated passageway module.

16. The integrated hydrogen gas generator of the claim 15, wherein the humidifying module, the filter and the nebulizer are directly coupled to the lower cover of the integrated passageway module.

17. The integrated hydrogen gas generator of the claim 14, wherein the integrated passageway module further comprises an upper cover and a condensing space, the condensing space, the humidifying passageway and the output passageway are disposed between the upper cover and the lower cover, the lower cover has a condensing passageway inlet and a condensing passageway outlet coupled by the condensing space, a humidifying passageway inlet and a humidifying passageway outlet coupled by the humidifying passageway, and an output passageway inlet and an output passageway outlet coupled by the output passageway, the condensing passageway inlet is coupled to the water tank for receiving the gas comprising hydrogen, the humidifying module is respectively coupled to the condensing passageway outlet and to the humidifying passageway inlet for humidifying the gas comprising hydrogen and then transporting it to the humidifying passageway.

18. The integrated hydrogen gas generator of the claim 17, further comprising a condensing body which is coupled to the upper cover and is accommodated in the condensing space, the condensing body being combined with the upper cover to form a condenser, which comprises a

condensing passageway, and the condensing passageway being coupled to the condensing passageway inlet and to the condensing passageway outlet for condensing the gas comprising hydrogen in the condensing passageway.

19. The integrated hydrogen gas generator of the claim 14, further comprising a hydrogen water module coupled to the integrated passageway module, the hydrogen water module comprising an input structure to input the gas comprising hydrogen to a liquid accommodated by the hydrogen water module, and the hydrogen water module also comprising an output structure for outputting the gas comprising hydrogen, wherein the gas comprising hydrogen is transmitted among the humidifying module, the hydrogen water module and filter through the integrated passageway module.

20. The integrated hydrogen gas generator of the claim 19, wherein the humidifying module, the hydrogen water module and the filter are directly coupled to the lower cover of the integrated passageway module.