What is claimed is:

1. A floating buoy turnover hydraulic power output device, comprising a buoy (1), an outer frame support (2), support stands (35, 36), a power turnover mechanism (27), and a transmission mechanism, characterized in that an upper end and a lower end of the buoy (1) are provided respectively with an upper connecting rod (5) and a lower connecting rod (6), which are connected with pistons (7, 8) of hydraulic cylinders (3, 4) provided on an upper part and a lower part of the outer frame support (2) respectively, the outer frame support (2) being provided at a periphery of the buoy (1) and formed by bottom plates (44, 45) and a plurality of fixing rod (43); the outer frame support (2) is provided with rotary shafts (23, 24), and is connected to the support stands (35, 36) through the rotary shafts (23, 24); the power turnover mechanism (27) is connected to the rotary shaft (23, 24); oil inlets and oil outlets of the hydraulic cylinders (3, 4) are respectively installed with one-way valves (13, 14, 15, 16).

2. The floating buoy turnover hydraulic power output device as claimed in claim 1, characterized in that the rotary shafts (23, 24) are provided on slidable connectors (28, 29) slidably connected to the outer frame support (2), and a pushing device (48) is provided between the support stands (35, 36).

3. The floating buoy turnover hydraulic power output device as claimed in claim 1 or 2, characterized in that the rotary shafts (23, 24) have a hollow portion, and high pressure oil pipes (17, 18) pass through the hollow portions of the rotary shafts (23, 24), and connected to a hydraulic oil tank (40) and a high pressure oil accumulator (42) through rotary couplers (30, 31) respectively.

4. The floating buoy turnover hydraulic power output device as claimed in claim 3, characterized in that a flow switch (33) is provided between the rotary coupler (30) and the hydraulic oil tank (40).

5. The floating buoy turnover hydraulic power output device as claimed in claim 3, characterized in that a hydraulic control valve (34) is provided between the rotary coupler (31) and the high pressure oil accumulator (42).

6. The floating buoy turnover hydraulic power output device as claimed in claim 1 or 2, characterized in that the buoy (1) is movably connected with at least a pair of guide rods (9, 10) provided on corresponding positions on an inner side of the outer frame support (2).

7. The floating buoy turnover hydraulic power output device as claimed in claim 1 or 2, characterized in that turnover buoys (46, 47) are provided on the bottom plates (44, 45) respectively.

8. The floating buoy turnover hydraulic power output device as claimed in claim 1 or 2, characterized in that air dynamic balancers (19, 20) are provided around outer sides of the hydraulic cylinders (3, 4) respectively.

9. The floating buoy turnover hydraulic power output device as claimed in claim 8, characterized in that the air dynamic balancers (19, 20) are connected by at least one air-venting pipe.

10. The floating buoy turnover hydraulic power output device as claimed in claim 1 or 2, characterized in that the support stands (35, 36) are provided with a magnetic induction switch (37), and magnets (38, 39) are provided on corresponding positions on the outer frame support (2).