

Battery automatic water replenishment system

WSV101



Product Overview

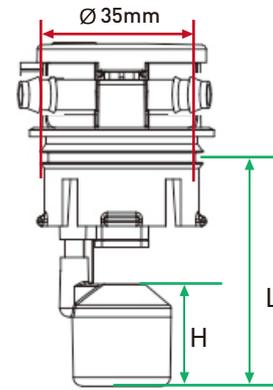
The battery semi-automatic water filling system WSV-101 is composed of a valve-controlled filling plug, a water connection pipe, a flow indicator, a quick connector, and a gravity water tank. It can effectively simplify the complicated and error-prone maintenance work, and improve the efficiency of battery water maintenance. Balance the height of the liquid level, reduce the difference in battery characteristics, and extend the service life of the battery.

Functions and advantages

- Integrated transformation of the nozzle
- Quickly replenish water in 3 minutes
- Shut down independently when the water is full
- Balance battery level
- Simplify maintenance procedures
- Excellent cost performance
- Time-saving and efficient
- Prolong battery service life

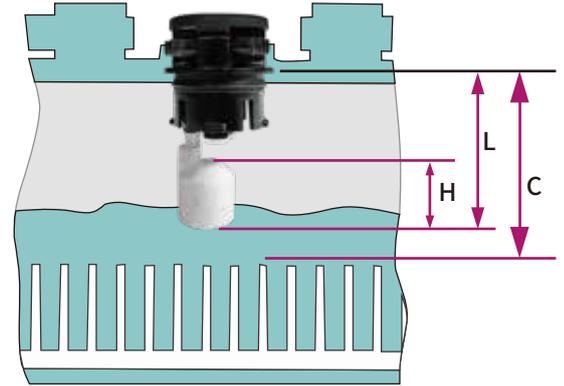
Commodity parameters

Material	High strength and high grade PP/PC material
Pressure range	Water pressure range : 0.2-3.5bar ; 3-35psi
Influent flow	Flow Rate Template : 0.8L/M ; 0.3bar
Operating temperature	-20~90°C
Injection valve adaptation instructions	Illustration



Comparison table of float control filling plug specification selection

Measured value from lead grid to top cover (C) [mm]	Filling plug height (L) [mm]	Feeding water Height (H) [mm]
49-55.5	48	14
55.5-60	52	18
60-63	56	22
63-71	62	23
>71		



L=The length of the floating body
The length from the bottom of the floating body to the bayonet of the injection valve

C=The height of the clear space in the monomer
The height of the clear space from the liquid injection port to the internal isolation plate of the monomer

Specification selection comparison table of floating control liquid injection plug

Specifications: 35mm opening push-in type, suitable for domestic forklift batteries and European standard forklift batteries

WSA Series Main Parts

Battery voltage	Float control liquid injection plug	Conversion interface 6-10-6mm	Conversion interface 6-10	PVC water pipe 9*13mm	PVC water pipe 6*9mm	Terminal Plug 6mm	Quick connector DN12 M18 62mm	Flow indicator DN12*95mm
24V								
24V	12	2	2	3M	3M	2	1	1
36V	18	2	2	3M	5M	2	1	1
48V	24	2	2	3M	5M	2	1	1
72V	36	2	2	3M	8M	2	1	1
80V	40	2	2	3M	9M	2	1	1