

# Item No.:GL5

## Features

- Widely applied in sunlight management, clean energy, such as photovoltaic application, photothermal application, energy storage container, with the characters of low noise, wide application, smooth appearance, small space occupation, safe and stable.
- Three kinds of DC voltage optional :12V/24V/36V; speed and loading can be customized.
- Working conditions: Operating Temperature: -20°C-65°C; Relative Humidity: 20%-90%; Atmospheric Pressure: 0.08-0.11MPa;
- The lifting column motor is placed inside the pipe to save installation space, and the surface of the pipe is treated with oxidation for a beautiful appearance. The use of high-quality aluminum alloy materials and high-strength resin materials can meet the structural strength under high thrust. The motor is equipped with a built-in thermal protection switch to achieve motor overheating protection.
- Hall sensor enabling parallel drive, compatible with ORGM control box, single or 2, 3, or 4 parallel drive or even multi-parallel with up to 12 columns.

## Usage

- Input voltage (DC) : 12V/24V/36V
- Dynamic Load Push(N): 6000N, 5000N, 3000N, 1500N, 1000N, 800N, 500N
- Speed at no load: 5mm/s, 7mm/s, 10mm/s, 14mm/s, 19mm/s, 22mm/s, 32mm/s
- Minimum Stroke: 15mm, 15mm, 15mm, 75mm, 75mm, 75mm, 75mm
- Minimum Installation Dimension: S+205mm

- Limit Switch: Built-in (electronic) or high-accuracy hall sensor
- Noise Level:  $\leq 54\text{dB}$
- Protection Class: IP43
- Weight: kg(different stroke length and installation dimensions with different weight)
- Color: Off white
- Wiring method: wiring come out from bottom
- Duty Cycle:10%,max.continuous work for 2min. and 18 min. off
- Work environment: Operating Temperature:  $-20^{\circ}\text{C}$ - $65^{\circ}\text{C}$ , Relative Humidity:20%-90%; Atmospheric Pressure: 0.08-0.11MPa
- Reserve Temperature:  $-40^{\circ}\text{C}$ - $85^{\circ}\text{C}$
- Can choose matching with ORGM control box

## Technical specifications

Input voltage (VDC)	Max. load in push (N)	Speed at no load (mm/s)	Minimum stroke ( mm)	Minimum Installation Dimension (mm)
12	6000	5	15	S+205
12	5000	7	15	S+205
12	3000	10	15	S+205
12	1500	14	75	S+205
12	1000	19	75	S+205
12	800	22	75	S+205
12	500	32	75	S+205
24	6000	5	15	S+205

24	5000	7	15	S+205
24	3000	10	15	S+205
24	1500	14	75	S+205
24	1000	19	75	S+205
24	800	22	75	S+205
24	500	32	75	S+205
36	6000	5	15	S+205
36	5000	7	15	S+205
36	3000	10	15	S+205
36	1500	14	75	S+205
36	1000	19	75	S+205
36	800	22	75	S+205
36	500	32	75	S+205

## Dimension

