

SLIDE GATE OPERATOR SERIES

OUR OPERATOR

Three Unique SKU'S (DSE COMM-SLGO, DSE IND-SLGO, DSE HVD-SLGO)

Weight Capacities 1,763 lbs 2,204 lbs 6,613 lbs

Cover Box Proprietary composite, advantages listed below:

- Our Proprietary Composite Material is up to five times stronger than steel by weight, while being 75% lighter than the industry standard steel.
- Our profound corrosion resistance is due to the composite being inherently non-reactive, perfect for applications in high humidity, salty air environments such as a port, direct salt and chemical exposure, and much more.
- UV resistance achieved through a UV protective layer
- Superior electrical and thermal insulation, again due to the composite's polymer matrix. It is a high dielectric capable, non-conductive, low thermal conductive material, that does not need to be grounded, and minimizes heat loss or gain, helping improve energy efficiency.
- Great tensile strength, ensuring stability when the operator is in motion.
- Composite can effectively last up to DECADES. Easy fix in the rare event of damage, with a simple patch bonding.
- Gel coat prevents chipping and fading of the cover box color.
- Impact resistant to deformation, meaning it doesn't dent or deform in the face of impact, keeping all internal components safe.
- Electromagnetically transparent properties meaning zero signal interference, allowing superior communication with safety devices, remotes, access controls and more. Think about it, have you ever tried to make a phone call in a room with metal walls? We solve this common issue through unrivalled engineering, and deep consideration for you.

INSIDE OF OUR OPERATOR

Power 120/240VAC Single phase DUAL POWER INPUT, internals run on 24VDC

Motor 24VDC Brushless Motor with Soft start/stop

Gear Reduction Direct drive, worm gear, oilbath for gear box. Quieter, and more efficient.

Operator Duty Rating Continuous-duty

Control Board Power surge resistant control board with Industrial Grade microcontroller w/ heat sink

Control Board Features Solar ready, BBU capable, and multiple accessory ports

Manual Release	Lever
Limit	Magnetic limit switches
Frequency	315-390Hz (US compliant) with Onboard receiver
Chassis	Cold rolled steel w/ gold zinc plated/coated chassis with drainage points
Batteries	Lithium ion BBU batteries
Weather Rating	IP54 gears and internal components
Operating Temperature	-40 degrees F to 140 degrees F (eliminating need for heater) *still in development*
Mechanism	Rack and Pinion mechanism for an aesthetically pleasing, precise, clean operation.
Gate Speed	1 Ft/sec
Safety	Failsafe (if BBU or power goes out or no safety devices present) and monitoring
Diagnostic Display	LCD Diagnostic control board for simple troubleshooting
Connectivity	Wifi and Bluetooth smart connectivity capability
Remote Controls	50 remote controls capacity
Mounting	Inherent Pad mounting, with Post mounting capability



Your first look at the next generation of gate automation.

