

# ECS



## VERTICAL LIFT GATES

ECS Vertical Lift Gates provide an ideal, attractive and elegantly simple vehicle access security solution for roadways and parking entrances up to 20 feet across. Totally self-contained, the ECS Vertical Lift Gate is easy to install and provides years of reliable, virtually maintenance-free operation. A masterful coordination of electronics and mechanics, ECS Vertical Lift Gates requires minimal space for operation and unlike gates that slide or swing open which require a flat terrain, vertical lift gates can be installed for use in all terrains such as irregular hillsides and sloped driveways.



Requiring only 7-10 seconds to open, the ECS Vertical Lift Gate performs much faster than most conventional gates. Counterbalancing springs in the operator make the gate virtually weightless when raising and lowering and a unique clutch system provides the highest levels of safety.



ECS Vertical Lift Gates are powered by a conventional 12-volt automotive battery which can be charged by either a standard trickle-charger or by solar panels. The use of solar panels provides a distinct benefit by allowing the use of the gate where electricity is not readily available or costly to install. Battery operation eliminates concerns about operation during power failures and a fully charged battery will provide hundreds of cycles.

- **Operates Totally Within the Area It Occupies - Space for Swing or Slide is Not Required**
- **Designed for Easy Installation and Virtually Maintenance-Free Operation**
- **Requires Only 7 to 10 Seconds to Open or Close**
- **Uneven Terrain is No Problem**
- **Uses 12-volt Automotive Battery Which Can be Charged with Either Electrical or Solar Power**
- **Safety Clutch Mechanism Allows Gate to Stop Upon Obstacle Detection**
- **Over 20 Years of Proven Performance**
- **Unique Solar Power Option Eliminates Costly Electrical Trenching to Remote Locations**
- **Available in 15 Separate Gate Designs Up To 20 Feet in Length**
- **Frame in Galvanized Square Tubing with 20 Gauge Redi-Kote Sheet Metal Cover**

**Your Complete Source for Roadway and Parking Control Equipment and Accessories**

## SPECIFICATIONS

### Physical

Operator Frame: 2" x 2" x .065" Galvanized Square Tubing  
 Operator Cover: 20 Gauge Redi-Kote Sheet Metal Primed and Painted  
 Pivot Post: 4" x 2" x .25" Rectangular Tubing with 1½" Cold Roll Round Shaft  
 Emergency Disconnect: Manual Release for Finger Touch Opening; Optional 3-Way Electrical Switch  
 Gate Construction: 2" Hollow Metal Main Frame with ½" Vertical Pickets or Wire Mesh  
 Color: Available in White, Black and Brown  
 Also available with Primer Base Only

### Electrical System

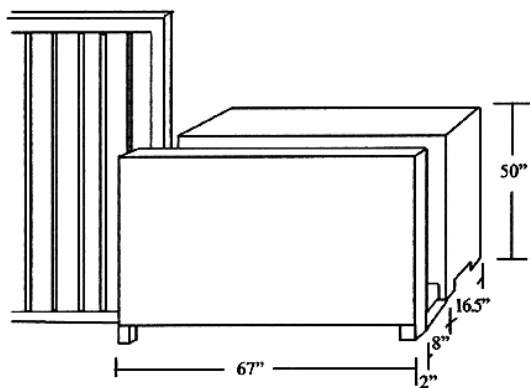
Primary Voltage: 12 Volt DC  
 Motor: 1/7 Horse Power DC; Ball Bearing Instant Reverse  
 Control Board: 12 Volt Coil; Mechanical Relays  
 Auto Close Timer: (Optional) Adjustable 4 to 360 Seconds  
 Safety Timer: Will Shut Off Upon Gate Malfunction  
 Battery Charging: Standard 120 VAC @1.3A Trickle Charger or Photovoltaic Solar Panel

### Capacities

Maximum Gate Length: 20 Feet  
 Maximum Gate Height: 7 Feet  
 Maximum Gate Weight: 300 lbs  
 Opening Time: 7 to 10 seconds  
 Maximum Cycles: Approximately 1800  
 (On Fully Charge Battery)

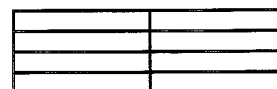
### Dimensions:

67" W x 50" H x 26½" D Weight: 600 Lbs.



**MODEL SP-C50**

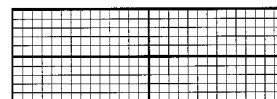
### Available Gate Styles



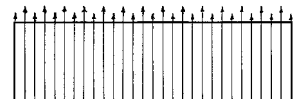
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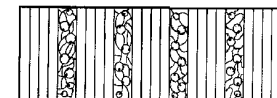
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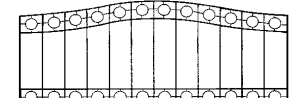
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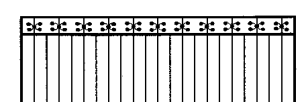
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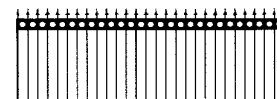
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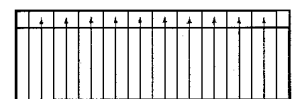
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