

CSW24V & CSL24V

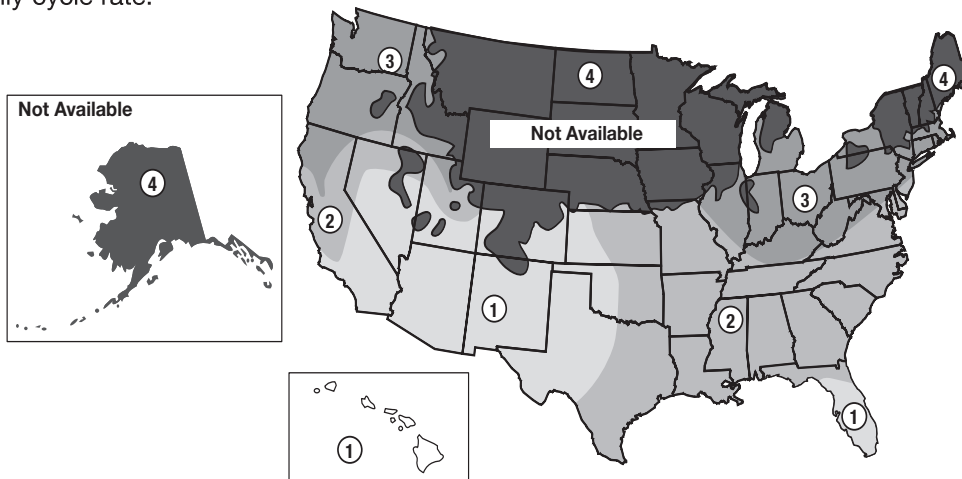
SOLAR GATE ACCESS SYSTEM DAILY CYCLE CHART

The CSW24V and CSL24V Solar Gate Access System utilizes an innovative Power Management System to deliver power when needed most for operating a gate while minimizing power consumption at all other times. Power is provided to the gate operator via batteries. The batteries are charged from a solar panel(s) connected to the operator control board. The number of solar panels required is determined by whether the application is for a single or dual gate, daily cycle rate, number of accessories and region of the country.

The map and daily cycle rate shown are approximations based upon the average solar radiation and the temperature effects on batteries in the given regions. Local geography and weather conditions may require additional solar panels. Low Power Draw or Wireless Accessories are recommended in order to minimize power draw, as added accessories draw power and affect the daily cycle rate.

Solar panel(s) must be located in an open area clear of obstructions and shading for the entire day. Snow, heavy fog or heavy rain affect solar panel performance and charge rate. The CSW24V and CSL24V is not supported in climates where temperatures reach below -4°F. This is due to the effect of cold weather on batteries and a reduced number of hours of sunlight during the winter months. Solar panels should be cleaned regularly to ensure proper operation.

For solar applications disconnect the expansion board and do not use the wireless dual gate feature or LiftMaster® Internet Gateway. These features will substantially decrease the cycle rate and standby time.



CSW24V - NUMBER OF CYCLES PER DAY (SOLAR)				
Swing Gate Installation (800 lbs. 12 ft. gate)	ACCESSORY POWER DRAW (mA)	ZONE 1 (6 Hrs sunlight/day)	ZONE 2 (4 Hrs sunlight/day)	ZONE 3 (2 Hrs sunlight/day)
		(2) 33AH batteries required	(2) 33AH batteries required	(2) 33AH batteries required
20W SOLAR PANEL <i>NOTE: 20W would be two 10W (12V) panels in series.</i>	0			
	50			
	100			
	300			
	500			
40W SOLAR PANEL <i>NOTE: 40W would be two 20W (12V) panels in series.</i>	0	106	61	22
	50	85	42	
	100	64	24	
	300			
	500			
60W SOLAR PANEL <i>NOTE: Must Use 24V Solar Panel</i>	0	172	101	39
	50	149	80	21
	100	126	60	
	300	42		
	500			

CSL24V - NUMBER OF CYCLES PER DAY (SOLAR)				
Slide Gate Installation (16 ft. 1000 lb. gate)	ACCESSORY POWER DRAW (mA)	ZONE 1 (6 Hrs sunlight/day)	ZONE 2 (4 Hrs sunlight/day)	ZONE 3 (2 Hrs sunlight/day)
		(2) 33AH batteries required	(2) 33AH batteries required	(2) 33AH batteries required
20W SOLAR PANEL <i>NOTE: 20W would be two 10W (12V) panels in series.</i>	0			
	50			
	100			
	300			
	500			
40W SOLAR PANEL <i>NOTE: 40W would be two 20W (12V) panels in series.</i>	0	147	85	30
	50	118	58	
	100	89	34	
	300			
	500			
60W SOLAR PANEL <i>NOTE: Must Use 24V Solar Panel</i>	0	239	140	54
	50	206	111	29
	100	174	83	
	300	59		
	500			

Number identifies zone. CSW24V & CSL24V not supported/available in Zone 4.