

SwingSmart™ DC

Dependable swing gate operator with battery backup

Pad mount swing gate operator for commercial and residential installations. Features adaptive obstruction detection and torque limiting taper clamp for safe and reliable service. Excellent for solar applications.



Features:



Weight and length limit:
Move gate leaf up to 1,300 lbs.



SmartSync™:
Synchronizes dual gates automatically, with ease.



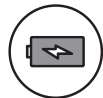
UPS:
Keeps gates moving after power loss up to 300 cycles with standard batteries and 1,200 cycles with extended batteries.



Programmable:
Field programmable to specific site requirements.



Durable:
Patented Taper Clamp provides adjustable protection from high winds and gate strikes.



Battery:
Intelligent charging system monitors battery condition to maximize battery life.



Troubleshooting:
Easy system troubleshooting with onboard event log.



Adjustable:
Independent, field-adjustable open and close speeds.



Made in USA:
Designed, tested and built within USA from globally sourced materials.

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Technical Specifications

| Model | SwingSmart DC 20 | SwingSmart DCS 20 Solar |
|---------------------------|---|---|
| Single or Twin | Single leaf | |
| Duty Cycle | Continuous | 100 cycles/day* |
| Drive | Electromechanical | |
| Open/Close Time | Open/Close speed set independently. Adjustable 10 to 15 seconds. | |
| Gate Length Max. | 20 ft (6 m) each leaf | |
| Gate Weight Max. | 1,300 lb (590 kg) for 12 ft (4 m) leaf; 800 lb (363 kg) for a 16 ft (5 m) leaf; 600 lb (272 kg) for a 20 ft (6 m) leaf | |
| UPS Battery Backup Cycles | Field configurable to fail open or secure if batteries deplete. Standard battery backup cycles: Two 8Ah batteries. Up to 300 cycles after AC power loss. Extended battery backup cycles: Two 50Ah batteries. Up to 1,200 cycles after AC power loss.* | |
| Temperature Rating | -13° to 158° F (-25° to 70° C) | |
| Operating Voltage | 24VDC | |
| Input Voltage | 115V or 208-230V 50/60Hz | 24VDC solar panels - 40W min panel (Solar panels sold separately) |
| Accessory Power | 12VDC and 24VDC 1A each | |
| Included Accessories | One premium EMX IRB-MON photo eye and two 8Ah batteries for backup power | |
| Communication | USB, RS-232, RS-485 | |
| User Controls | Smart DC Controller with 70+ configurable settings. 32 character LCD display and 5 tact buttons or a PC using S.T.A.R.T. software. | |
| Relays | Two configurable user relays: 30VDC, 3A solid state and 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs | |
| Finish | Zinc plated chassis; polyethylene clam shell cover | |
| ETL Listed (UL 325) | Usage Class I, II, III, IV | |
| Cycle Tested | 500,000 cycles | |
| Warranty | 5 year (7 year single-family residential) w/product registration | |

