



# MEGA SWING-UL™



UL-325

NEXT GENERATION SWING GATE WITH INHERENT BACKUP POWER  
HIGH TRAFFIC SYSTEM WITH FAIL SAFE DESIGN

"No power?  
No problem!"



## STANDARD FEATURES

- BUILT IN BATTERY BACKUP POWER SOURCE
- COVER-CLAM SHELL EASY ACCESS DESIGN
- HIGH TORQUE 1/2 HP 30 VOLT DC MOTOR
- MICROPROCESSOR (RISC) CONTROL BOARD
- OPENS ON POWER FAIL WITH 15 SEC. DELAY
- ANTI-TAIL GATE WITH QUICK CLOSE FEATURE
- MOLDED POLYETHYLENE COVER-UV STABLE
- IRD SENSES OPEN AND CLOSE OBSTRUCTIONS
- RUST PROOF ALUMINUM ALLOY CHASSIS
- 900:1 SIZE 80 DOUBLE REDUCTION GEAR BOX
- SOFT START AND STOP MOTION CONTROL
- FULL DC OPERATION ON AC POWER LOSS
- LED INPUT AND DIAGNOSTIC INDICATORS
- EXTRA LARGE ELECTRONICS CABINET
- UL-325, UL-991 LISTED

Control inputs include: Open, Close, Single button, Safety, Free exit & Shadow (under gate loop)

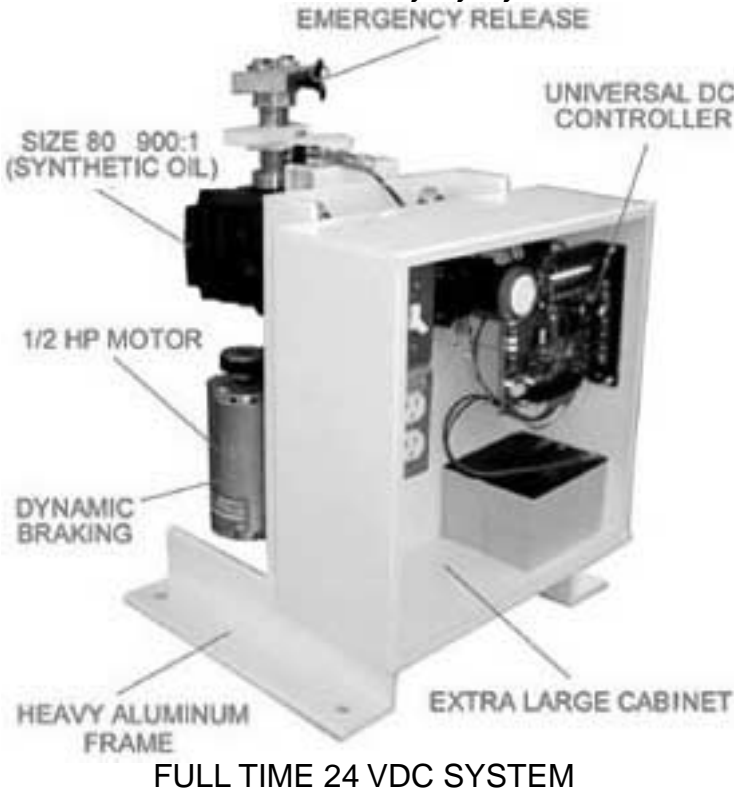
# DC SOLUTIONS, INC.

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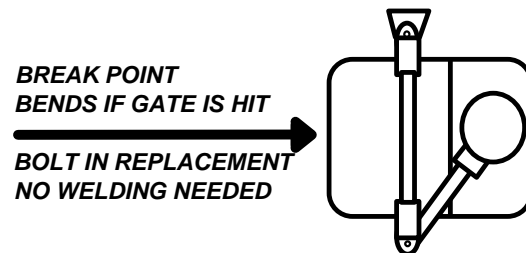
# MEGA SWING-UL HIGH TRAFFIC SWING OPERATOR

The **MEGA SWING-UL** by DC SOLUTIONS, INC. was made to be unique in the industry through innovative design and solid engineering. Its single State of the Art universal electronics control board uses advanced high power electronics which eliminates the need for motor relays and contactors. Its modular full service controller is capable of accepting inputs from telephone entry, loop detectors, card readers, push buttons, etc... Built in regulated 24VDC backed up power provided for accessories (detectors, radio receivers, card readers, mag-lock). Should AC power fail, the unit can run on battery power (full DC operation) or be set to auto-open with a 15 second delay. In the unlikely event the unit should be rendered inoperable ( fire, flood, lightning), the drive swing arm EMERGENCY RELEASE can be easily disengaged to allow the gate to be pushed open by hand (no dangerous hand cranks) . Finally, its rugged modern design and cutting edge technology will make the MEGA SWING-UL the perfect choice for all your commercial and residential swing gate applications.

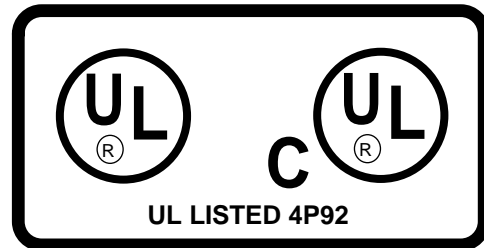
## UL-325 CLASS 1, 2, 3, 4



## NON-SCISSOR SWING ARM (ALL ALUMINUM, NO WELDING REQUIRED)



## UL-325 & UL-991



## DESIGN FEATURES

UNIVERSAL CONTROLLER WITH 8 FUNCTION INPUTS  
 MICROPROCESSOR (RISC) ELECTRONICS SYSTEM  
 RIGHT OR LEFT HANDED DRIVE OPERATION  
 SOFT START AND STOP MOTION CONTROL  
 AUDIO ALARM TO INDICATE ENTRAPMENT  
 ANTI-TAILGATE & QUICK CLOSE FEATURE  
 ABILITY TO AUTO OPEN WHEN POWER FAILS  
 TRANZORB SURGE PROTECTION ON INPUTS  
 CLOSING TIMER ADJUSTABLE 1-33 SECONDS  
 CONTINUOUS COMMERCIAL DUTY HIGH TRAFFIC  
 NON-SCISSOR OFF SET SWING ARM DESIGN  
 PULSE TO OPEN OR CLOSE FOR RESIDENTIAL  
 IRD SENSES OPEN OR CLOSE OBSTRUCTIONS  
 CLAM SHELL EASY ACCESS 2 PIECE COVER  
 LARGE CABINET FOR DETECTORS, BATTERIES

## SPECIFICATIONS

HIGH-TORQUE 1/2 HP 30 VDC MOTOR  
 110 / 220 VAC AT 4 / 2 AMPS MAX, 50/60 HZ  
 REGULATED 24VDC 500 MA ACCESSORY POWER  
 BREAK POINT IN SWING ARM TO BEND IF HIT  
 13-15 SECONDS OPEN OR CLOSE SPEED  
 BATTERY BACKUP FOR ACCESSORY POWER  
 ALL WEATHER SYNTHETIC GEAR OIL  
 HEAVY DUTY SIZE-80 900:1 DOUBLE REDUCTION  
 MAX. 650 LBS AT 18 FT (FREE SWINGING-LEVEL)  
 COVER: DARK GREY HIGH IMPACT POLYETHYLENE  
 CHASSIS: 3/8 INCH (5052) ALUMINUM ALLOY  
 CHASSIS FINISH: GLOSS WHITE POWDER COAT  
 SWING ARM -ALL ALUMINUM NO WELDING NEEDED  
 PHYSICAL: 25"H, 18"W, 20"D. WEIGHT 105 LBS  
 CONVENIENT DUPLEX OUTLET (120 VAC)

DISTRIBUTED BY:

### LIMITED 2/10 YEAR WARRANTY

DC SOLUTIONS, INC. WARRANTS ITS OPERATORS AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR 10 YEARS ON CHASSIS & COVER AND 2 YEARS ON THE ELECTRONICS AND MECHANISM. DETAILED TERMS AND EXCLUSIONS IS AVAILABLE UPON REQUEST. BATTERIES NOT INCLUDED IN WARRANTY

Includes ability to interlock with Mega Arm barrier gate  
 (REQUIRES TWO 7 OR 10 AMP 12 VDC BATTERIES)