

RAM 3100 DC

DC High-Traffic Swing Gate Operator
Commercial/Industrial



For Class I, II, III, IV
Vehicular Gate Operators



Warranty
Up to 5 years on
commercial installations
see website for more info

We stand behind our products



Dimensions: L: 23" x W: 18" x H: 28.5"
Shipping Weight: 201 LBS

Mechanics



- **Brushless DC Motor:** 24 VDC, 25 AMPS
- **Gearbox:** Commercial Synthetic Oil-Bath gearbox to promote smooth and quiet operation. Size 70, Ratio 30:1

Power



- **115 VAC:** Single-Phase
- **Accessory Power:** 24VDC

Design



"Built to Last"

- **Chassis:** 1/4" Steel, gold zinc plated to inhibit corrosion.
- **Cover:** High-impact resistant charcoal gray polyethylene plastic. Blends seamlessly with any property

Specs



Gate Travel/Weight
22' / 2,500 LBS



Temperature
10°F to 160°F



Gate Travel Speed

Variable Cycle Speed

12"/10"/8"/6" Per Second

Product Highlight

RAM 3100 DC

Advanced Battery Back Up System

When the battery has reached 90% of its Battery life, it will switch to Ultra Low Battery Mode. The system will then stop all gate operations preventing the battery from over-discharge damage. Through a dip switch the gate can be set to Fail Safe or Fail Secure.

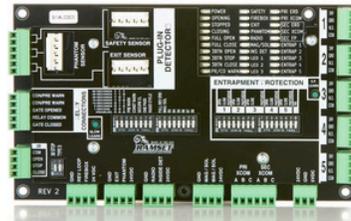
Mechanical Limit System

Adjust limit switches quickly and accurately with our mechanical system. This helps maintain accurate gate position throughout gate travel.

Hand Lever Emergency Release

Ability to open gate manually in the event of an emergency.

New Double Board System



LOGIC BOARD



DC DRIVER BOARD

All Ramset DC models use the same two boards

FEATURES

Soft Start Slow Stop

- Choose from 4 levels

Left/ Right Switch

- Makes it easy to change the direction of the installation.

One Pass

- Allows for gate to close immediately upon entrance.

Close Delay

- 4 adjustment to close delay

EP Learn

- Set up photo eyes with the push of a button

Slow Learn Mode

- Allows for a simple slow start/ soft stop set up. Measures the lengths of travel from open to close

Battery Back Up System

- Ultra Low Battery Mode saves 10% of your battery for emergencies.
- Includes (2) 12V, 7 Ah Batteries

Fail Safe/ Fail Secure

- Should the operator and BBS fail; you now have the option to set up the gate to fail in the open position or to keep it shut.

✓ Easy installation

✓ Reliable

✓ Durable

✓ Friendly Tech Support

✓ Made in the U.S.A.

✓ ETL listed. Conforms to UL 325 safety standards