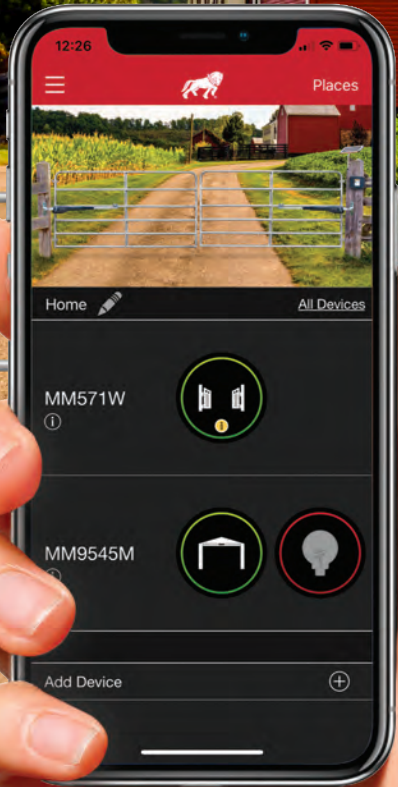




Product Catalog





The Mighty Mule Story

The Mighty Mule® brand was created over 30 years ago, when the founder grew weary of the inconvenience of getting in and out of his truck to manually open and close the gate of his Florida property. He decided to install an automatic gate opener on his gate and received quotes as high as \$4,500. Knowing that this technology was readily available, he set out to design an affordable gate opener that was easy to install and could be used in remote locations. Soon after, Mighty Mule was born!

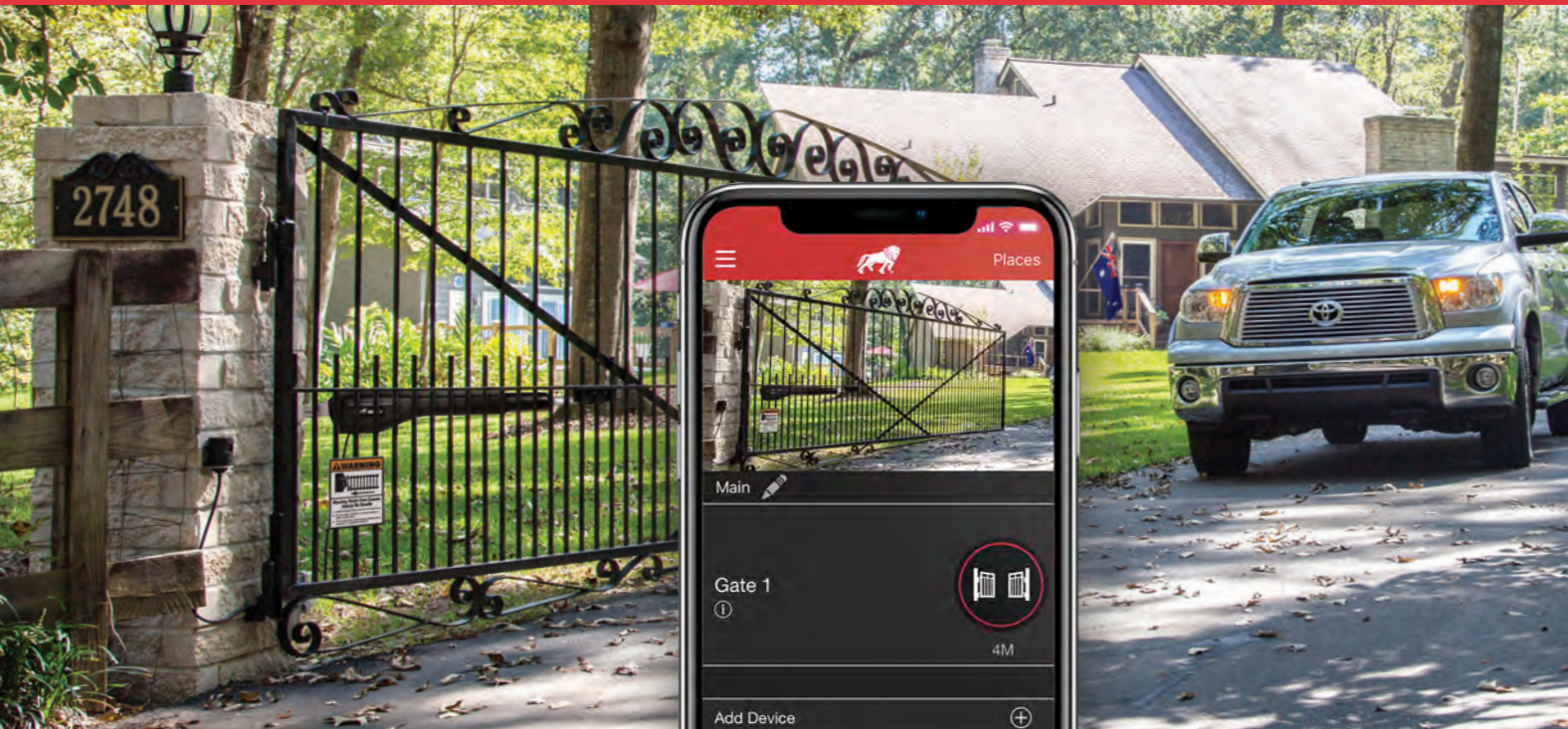
Today, Mighty Mule is part of the Nortek Security & Control (NSC) family. NSC provides Security, Home Automation, Access and Personal Safety systems and devices to residential and commercial customers. The Mighty Mule brand has grown, now offering a wide range of gate and garage door openers, accessories and replacement parts as well as driveway alarm systems. They are designed for home, ranch, industrial and light professional applications. Recent innovations include smart gate and garage door openers that can be accessed from the Mighty Mule smart phone app.

Mighty Mule offers the “Do It Yourselfer” professional grade products that are affordable and easy enough to install yourself. All Mighty Mule gate and garage door openers meet and exceed all national and federal safety standards and are certified and listed to be in compliance with UL325, Latest Edition.

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SMART GATE OPENERS



SMART, SIMPLE, SMOOTH

Mighty Mule introduces a new line of smart gate operators – the first smart DIY automatic swing gate openers in the industry. These gate openers bring unrivaled convenience with smart features that allow control from anywhere using your smart phone app.

Our Smart Gate Openers offer the latest innovative features while including Mighty Mule’s legacy of DIY simplicity and rugged, reliable performance. And they are compliant with UL325, Latest Edition.

SMART

Control and monitor your gate from anywhere with the Mighty Mule app, your smart phone and with the MMS100 Wireless Connectivity System (sold separately). The MMS100 enables communication with gates that are installed up to 800m from your house – the greatest range in the industry.

SIMPLE

Mighty Mule Smart Gate Openers provide fast, easy installation. We provide you all of the standard installation hardware, manuals and how-to videos to help you complete the job.

SMOOTH

Mighty Mule Smart Gate Openers provide reliability and solid, superb performance. Our products provide smooth, secure operation, soft start and stop, and fast, reliable gate operation – 40% faster than the previous models!

SMART GATE OPENERS



MM571W

- For single gate operation
- Handles gates up to 5.4m in length and up to 385 Kg
- 18-month warranty
- Battery included (1 – 12V 7AmpHr)
- Includes: control box w/battery box, remote with visor clip, transformer, mounting hardware, instruction manual



MM572W

- For dual gate operation
- Handles gates up to 5.4m in length and up to 385 Kg
- 18-month warranty
- Battery included (1 – 12V 7AmpHr)
- Includes: control box w/battery box, remote with visor clip, transformer, mounting hardware, instruction manual



MM371W

- For single gate operation
- Handles gates up to 4.8m in length and up to 250 Kg
- 12-month warranty
- Battery not included
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual



MM372W

- For dual gate operation
- Handles gates up to 4.8m in length and up to 250 Kg
- 12-month warranty
- Battery not included
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual

 **All Smart Gate Openers are Solar Panel Compatible.** See page 8 for details.

MMS100 Wireless Connectivity System



Control and monitor your gate from anywhere using the Mighty Mule App on your smart device.

The MMS100 with the Mighty Mule App can control and monitor your gate operator up to **800m away from your home.**



AUTOMATIC GATE OPENERS



Mighty Mule Automatic Gate Openers provide fast, quiet gate opening and closure from the comfort of your vehicle and the Mighty Mule Remote Transmitter. Our new Automatic Gate Openers offer a new, streamlined industrial design and quiet, fast and reliable performance with soft start/stop open and closure.

All Mighty Mule products are DIY simple with fast installation, simple instructions and how-to videos available. And they are compliant with UL325, Latest Edition.



MM271

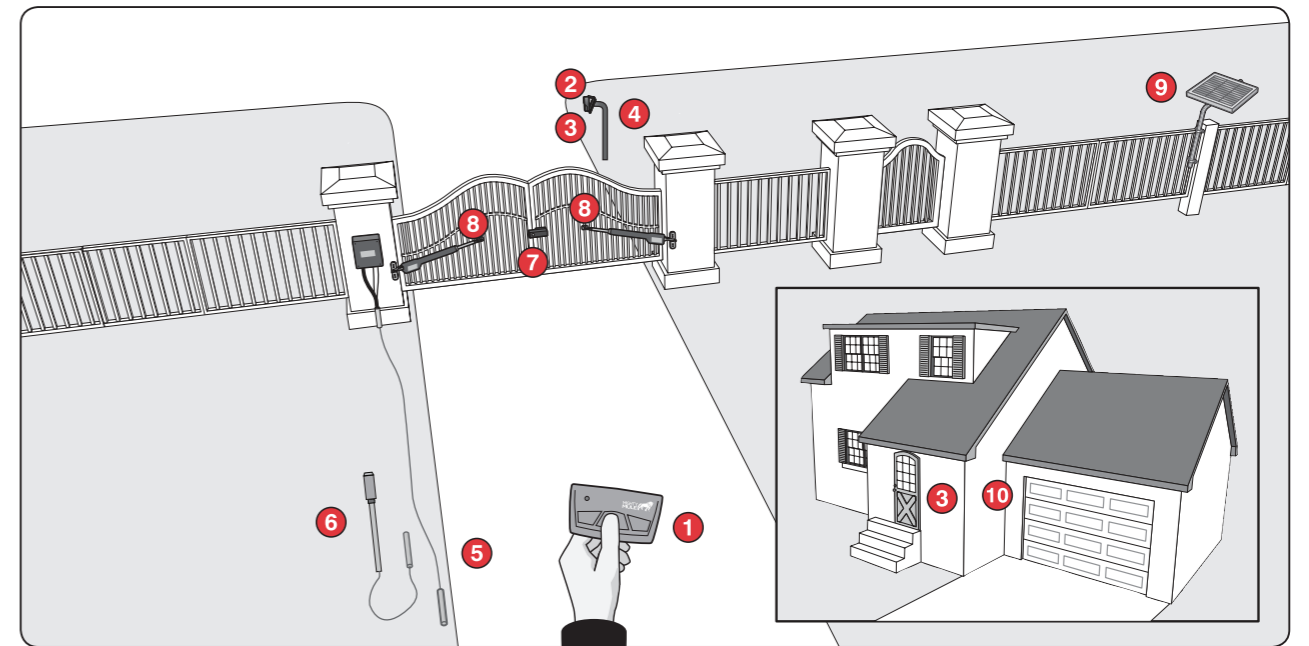
- For single gate operation
- Handles gates up to 3.6m in length and up to 135 Kg
- 12-month warranty
- Battery not included
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual



MM272

- For dual gate operation
- Handles gates up to 3.6m in length and up to 135 Kg
- 12-month warranty
- Battery not included
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual

TYPICAL GATE INSTALLATION DIAGRAM



ACCESSORIES (Sold Separately)

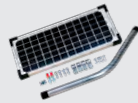
- Three-Button Entry/Exit Remote (MMT103)**
This is the standard three-button remote included in 7th generation operator kits. Includes a visor clip and a type 2032 battery.
- Digital Keypad (MMK200)**
The digital keypad provides secure access to your property. It can be programmed to use up to 25 different personal identification number (PIN) codes. Temporary codes can be programmed to last from 1-7 days.
- Wireless Intercom/Keypad (MM136)**
This versatile digital wireless intercom with built-in keypad system is ideal for any residential application, alerting you of visitors and allowing you to grant permission for gate operator activation from the safety of your home. The intercom provides superior range with crystal clear two-way wireless communication up to 152.4m and can support up to three additional base stations (F3101MBC) to allow access from multiple rooms.
- Keypad Mounting Post (FM100)**
This black powder coated digital keypad mounting post is designed to provide convenient mounting of any Mighty Mule Keypad.
- Driveway Vehicle Sensor (FM138)**
The gate opening sensor offers hands free operation of the Mighty Mule Gate Opener. Can be buried up to 15.25m feet from gate and has 3.7 m radius of vehicle detection. Compatible with all Mighty Mule Gate Openers.
- Wireless Driveway Vehicle Sensor (FM130)**
The wireless gate opening sensor offers hands free operation of the Mighty Mule Gate Opener. It features a wireless range of up to 30.5m from the gate and has a 3.7 m radius vehicle detection range. It is compatible with all Mighty Mule Gate Openers.
- Automatic Gate Lock (FM143)**
A MUST for added security. Locks and unlocks automatically as gates open and close. For use with Mighty Mule gate openers. Recommended for gates over 2.4 m long. Ideal for high wind areas.
- Pin Lock (FM133)**
The Pin Lock is a substitute for the factory pin at the front mounting point of all models of Mighty Mule Gate Openers and the chains of the Mighty Mule Slide Gate Openers. Ideal for preventing theft of your Gate Opener and stopping unwanted access to your property. Dual gate openers require two pin locks for installation.
- Solar Panel - 10 Watt (FM123)**
The solar panel charging kit keeps your gate opener battery charged in remote locations. Includes a strong steel support mounting bracket and required installation hardware. It is compatible with all Mighty Mule Gate Openers.
- Wireless Connectivity System (MMS100)**
The required accessory to make your Mighty Mule Gate Opener "Smart". This WiFi module allows for communication (monitoring and control) of your gate opener from anywhere using a smart device. This system is compatible with Mighty Mule Smart Capable Gate Openers installed up to 800m from your home's router. WiFi is required for operation.



All Automatic Gate Openers are Solar Panel Compatible. See page 8 for details.

SOLAR PANEL KIT

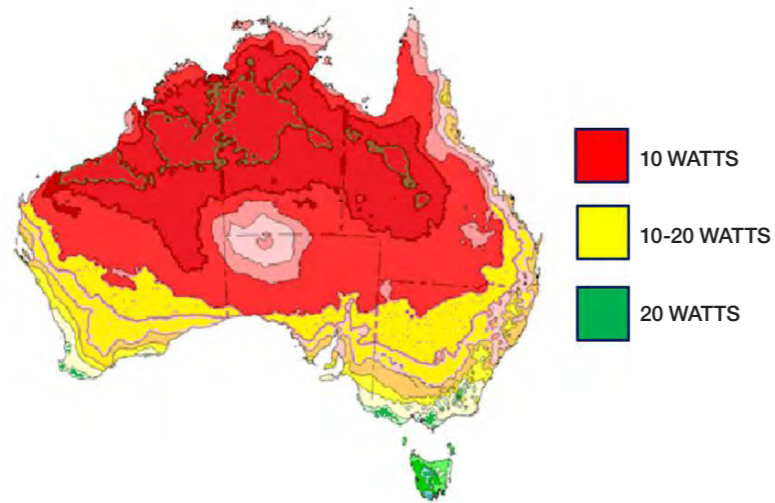
FM123 - 10 Watt Solar Panel Kit



The 10 Watt Solar Panel Kit is an excellent option for charging your battery in a solar powered gate opener application. The solar panel kit includes a strong steel support mounting bracket and required installation hardware. It's ideal for applications lacking a power source at the gate opener installation site. It is compatible with all Mighty Mule Gate Openers.



SOLAR ZONES

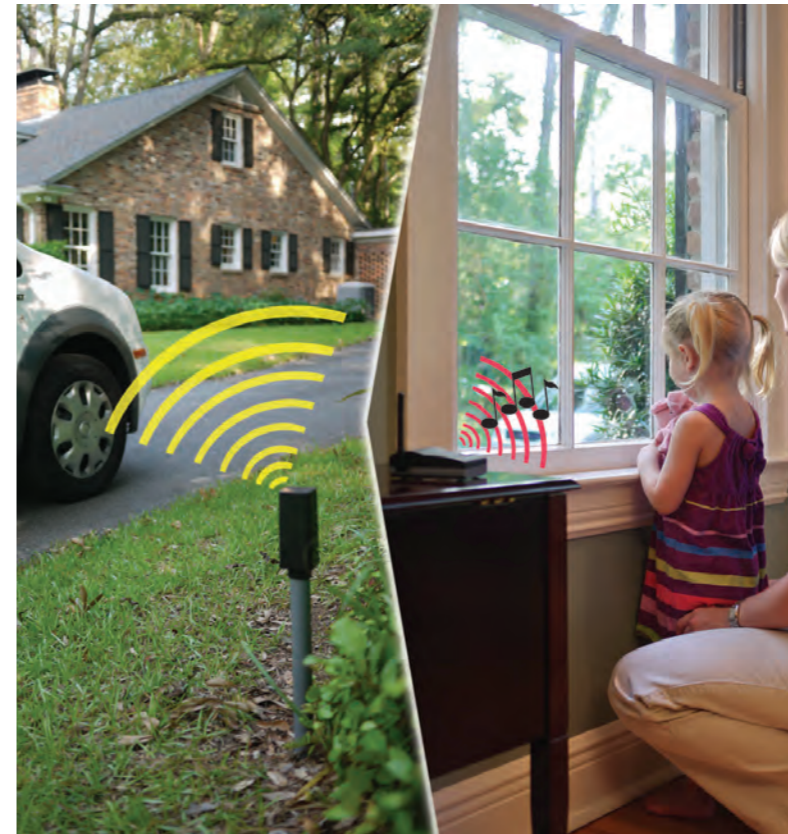
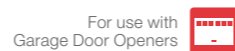
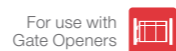


Model #	Watts	Zone 1	Zone 2	Zone 3
MM271, 371, 571 SINGLE Gate Openers	10	8	16	26
	15	11	20	30
	20	14	28	38
	25	17	36	46
	30	20	44	54
MM272, 372, 572 DUAL Gate Openers	10	4	8	13
	15	7	13	20
	20	10	18	27
	25	13	23	34
	30	16	28	41

The table and map illustrate the maximum number of gate cycles to expect per day in a particular area when using from 5 to 30 watts of solar charging power. The figures shown are for winter (minimum sunlight) and do not account for the use of any accessory items. Accessories connected to your system will draw additional power from the battery.

NOTE: A maximum of 30 watts of solar charging power can be connected to the Mighty Mule Gate Opener. Consult Solar Panel Installation Instructions for further information.

All accessories backed by a 12 month Mighty Mule Warranty and technical support.



THE WIRELESS DRIVEWAY ALARM

MODEL# FM231

The Wireless Driveway Alarm provides a constant driveway monitoring system by detecting vehicles entering and exiting your driveway. When a vehicle passes through your selected area, the indoor base station alerts you with a chime. With DIY friendly technology this device can be used in multiple applications to provide peace of mind for your property and family. Also ideal for monitoring parked boats, RVs, motorcycles and ATVs.

Two AA batteries required (not included).

STANDARD FEATURES

- Electromagnetic technology detects vehicles entering and exiting driveway
- Functional reception range of up to 122m
- Indoor chime announces the arrival of vehicles in driveway
- Adjustable code settings eliminate the possibility of interference from neighbors' driveway alarms
- Does not detect people, animals or wind
- Indoor receiver can be mounted on a table or wall
- Multiple indoor receivers (FM231-R) can be added for more convenience
- Low battery indicator on the indoor receiver alerts you when the transmitter's batteries are low
- Remote requires two AA batteries (not included)
- 12 month limited warranty and Mighty Mule technical support



ENTRY/EXIT

FM148 – Push-to-Open Gate Bracket



Provide additional functionality to your gate system. Attaches the gate opener at the gate post at an angle which allows the gate to swing away from the property (rather than into the property). This metal bracket is ideal for sloping driveways, or where space prevents a gate from opening inward. Not compatible with the MM260, 271 or 272.



FM138 – 50' Wired Driveway Vehicle Sensor



Offers hands-free operation of your Mighty Mule Gate Opener. Can be buried up to 15.2m from your gate and has 3.7m radius vehicle detection range. Compatible with all Mighty Mule Gate Openers.

Also available:
FM140 - 100 ft.
FM141 - 150 ft.



F3101MBC – Interior Residential Wireless Intercom



Additional digital intercom that can be added to the MM136. Up to 4 (total) will work with each Exterior intercom/keypad unit.



MMEXT8 – 8 ft Garage Door Rail Extension Piece



Moves the rail back approximately 8" to allow the garage door to pull back another 8-10"



MMK100 – Wireless Keypad for Garage Door Openers



Designed to control access to all Mighty Mule Garage Door Openers. This keypad features an LED back light that allows you to see numeric keys throughout dark or unfavorable weather conditions.



RB709U-NB – Universal Garage Door Receiver



Allows you to use your Gate Opener Remote to operate your gate opener and/or garage door opener. Dual or triple button remotes are required for multiple uses. Features a 30.5m range for added convenience and security.



FM132 – Push Button Control



Can be installed indoors or outdoors for convenient one-touch access. Adds convenience by allowing homeowner to open the gate for guests. Simple, affordable alternative to multiple transmitters or a mounted keypad option.



MMT103 – 3-Button Entry Remote



This is the standard 3-Button Remote included in 7th generation gate opener kits. This remote includes a visor clip and a type 2032 battery.



OPTIONAL AND REPLACEMENT

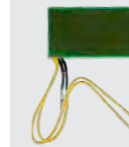
FM150 – Additional or Replacement Battery



12-volt, 7.0 amp-hour, maintenance-free battery for Mighty Mule swing gate opener models. Also compatible with slide gate opener models MM-SL2000B, MM-SL2200B and MM-LPS series.



FM316 – Battery Heater



The versatile battery heater wires directly into the gate opener's control board and attaches to the 12-volt battery to keep the battery warm; continuing to maintain its charge.



RB509-100 – 100' Low Voltage Wire



Complete your gate opener system with the Mighty Mule 16 gauge low voltage wire. The low voltage wire can be used to install Mighty Mule Gate Openers and other accessories. UV treated, PVC coated makes this wire ideal for direct burial applications.

Longer lengths available:
RB509-250 - 250'
RB509-500 - 500'



R4222 – Photo Beam Sensors



Provide your gate opener with added safety with Mighty Mule Photo Beam Sensors. Photo beam sensors help prevent the gate from closing when an obstruction is in the path of the sensors. These sensors can be installed inside or outside your gate with the included mounting hardware.

Low voltage wire **RB509** required for installation.



RB570 – Replacement Transformer



Replacement transformer/power supply for Smart Gate Opener products.



FOR GATE OPENERS

WHAT IS A MIGHTY MULE GATE OPENER?

A Mighty Mule Gate Opener is a remote-controlled automatic gate opener system. It is the industry leading gate opener available for the “Do-It-Yourself” installer. Because it is battery -operated and uses low voltage power, it is safe (no electrician needed), affordable, and easy to install.

IS THE MIGHTY MULE GATE OPENER EASY TO INSTALL?

Yes! Most installations can be completed easily in two to three hours. Dual gates will take slightly longer because two operator arms are required. All installations can be completed with tools commonly used by most homeowners. The Mighty Mule Gate Opener kit includes easy-to-read instructions and online installation videos. Our technical service team is available to answer any installation questions.

WHAT MAINTENANCE IS REQUIRED?

The longevity and performance of your gate system will be maximized if you take time to service your gate system. Check your gate monthly to inspect that the gate opener is moving freely through its complete range of motion and that the gate is level. This will ensure that the gate is not overstressing the gate opener. Check once a month to ensure the push-pull tube is free of any dirt/debris and spray with a good grade of “silicone” spray. Do not use an oil-based spray as this will attract sand and dirt.

WHAT HAPPENS IF THE GATE OPENER HITS SOMETHING?

All Mighty Mule Gate openers have built-in safety obstruction sensing which will cause the gate(s) to “Stop” and “Reverse” its direction for two seconds if it comes in contact with an object. If the gate comes in contact with the object twice before returning to its fully open or closed position, an alarm will sound for 5 minutes.

CAN I MANUALLY OPEN THE GATE?

Yes! Each opener arm is mounted to the brackets on the post(s) and gates with clevis pins and clips. By removing the pin and clip at the front end, the arm can be removed, and the gate can be opened manually.

HOW IS A MIGHTY MULE GATE OPENER POWERED?

All Mighty Mule Gate Openers are low-voltage systems with a 12 Volt battery backup system. This assures operation of your gate during a power outage. The battery can either be charged by the included power supply OR can be charged by the Mighty Mule FM 123 10-Watt Solar Panel (optional and not included).

WILL THE MIGHTY MULE GATE OPENER OPERATE DURING A POWER OUTAGE?

Yes. The number of cycles can vary depending on factors such as the type of gate, number of accessories added, and weather conditions if using the Mighty Mule 10-Watt Solar Panel (FM123) to charge the battery.

WHAT IS REQUIRED TO MONITOR AND CONTROL A MIGHTY MULE SMART GATE OPENER?

Purchase any of the Mighty Mule Smart Gate Openers for Single or Dual Gates (MM371W/372W, MM571W/572W) along with the Mighty Mule MMS100 Wireless Connectivity Kit and download the Mighty Mule Smartphone App to complete your smartphone-controlled gate experience.



CONTACT US

Sales and Support
Free Call: 1800 627 722

www.MightyMule.com

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P/N 412248834 Rev-A

