



**STILL MADE IN THE USA WITH PRIDE
AND COMMITMENT TO QUALITY**

USA Automatic is a manufacturer dedicated to setting the standard for 12-Volt DC Gate Operators by providing innovative design, high-quality products, and superior customer service.

Patriot Swing Gate Operators

- Ornamental iron gates up to 16 ft and 800 lbs each leaf
- Farm gates up to 20 ft and 300 lbs each leaf
- Ranch and chain link gates up to 16 ft and 800 lbs each leaf
- Stainless steel and cast steel actuator construction
- Field replaceable actuator parts
- Long reach 24 inch stroke for increased leverage
- Opening speed 11 to 12 seconds
- Includes 1 set of Safety Photo Eyes and 2 Remotes
- Backed by a 3/5 warranty (3 Year Components / 5 Year Control Board)



Item Part Number	Item Description	Number of Boxes	Weight in lbs*
020015	Patriot 1 AC Charged Single Swing Operator - w/LCR	2	64
020035	Patriot 1 Solar Charged Single Swing Operator - w/LCR	2	68
020055	Patriot 2 AC Charged Dual Swing Operator - w/LCR	3	104
020075	Patriot 2 Solar Charged Dual Swing Operator - w/LCR	3	108

*Weight includes Actuator Weight of 28lbs.

Patriot RSL Slide Gate Operators

- Slide gates up to 32 ft in travel distance and 1000 lbs.
- Opening speed 1 foot per second
- Includes 2 sets of Safety Photo Eyes and 2 Remotes
- 30' chain length included
- Backed by a 3/5 warranty (3 Year Components / 5 Year Control Board)



Item Part Number	Item Description	Number of Boxes	Weight in lbs
020410	Patriot RSL AC Charged Slide Gate Operator - w/LCR	2	102
020430	Patriot RSL Solar Charged Slide Gate Operator - w/LCR	2	104

Ranger HD Swing Gate Operators

- Ornamental iron gates up to 16 ft and 800 lbs each leaf
- Farm gates up to 20 ft and 300 lbs each leaf
- Ranch and chain link gates up to 16 ft and 800 lbs each leaf
- Long reach 24 inch stroke for increased leverage
- Opening speed 11 to 12 seconds
- Standard Plastic Cabinet comes fully assembled
- Includes 1 set of Safety Photo Eyes and 2 Remotes
- Backed by a 3 year warranty



Metal Cabinet Option



Item Part Number	Item Description	Number of Boxes	Weight in lbs*
020516	Ranger HD 1 AC Charged Single Swing Operator - w/LCR	2	50
020520	Ranger HD 1 AC Charged Single Swing Operator - Metal Cabinet - w/LCR	2	62
020518	Ranger HD 1 Solar Charged Single Swing Operator - w/LCR	2	54
020522	Ranger HD 1 Solar Charged Single Swing Operator - Metal Cabinet - w/LCR	2	66
020517	Ranger HD 2 AC Charged Dual Swing Operator - w/LCR	3	88
020521	Ranger HD 2 AC Charged Dual Swing Operator - Metal Cabinet - w/LCR	3	99
020519	Ranger HD 2 Solar Charged Dual Swing Operator - w/LCR	3	92
020523	Ranger HD 2 Solar Charged Dual Swing Operator - Metal Cabinet - w/LCR	3	103

*Weight includes Actuator Weight of 26lbs.

Ranger 500 Swing Gate Operators



- Ornamental iron gates up to 13 ft and 400 lbs each leaf
- Farm gates up to 20 ft and 250 lbs each leaf
- Ranch gates up to 16 ft and 300 lbs each leaf
- 16 inch stroke
- Opening speed 18 to 20 seconds
- Plastic Cabinet comes fully assembled
- Includes 1 set of Safety Photo Eyes and 2 Remotes
- Backed by a 3 year warranty





Item Part Number	Item Description	Number of Boxes	Weight in lbs
020510	Ranger 500 1 AC Charged Single Swing Operator - w/LCR	1	35
020512	Ranger 500 1 Solar Charged Single Swing Operator - w/LCR	1	39
020511	Ranger 500 2 AC Charged Dual Swing Operator - w/LCR	1	57
020513	Ranger 500 2 Solar Charged Dual Swing Operator - w/LCR	1	61









Radio Controls and Wireless Accessories			
Item Part Number	Item Description		Weight in lbs
030205		LCR Low Current Dual Channel Receiver 12 VDC With coax connector Standard with metal cabinets and Patriot RSL Solar Friendly Device	.15
030207		12/24 VDC Universal Dual Channel Receiver With coax connector	.15
030223		USA Automatic Smart App WiFi Receiver With Plug and Go harness and antenna	1.0
030210		LCR 2-Button Basic Transmitter Standard dipswitch with visor clip	.10
030212		LCR 4-Button Basic Transmitter Standard dipswitch with visor clip	.10
030217		LCR 2-Button Premium Transmitter Fixed or clone programmable, visor clip, keychain eyelet, rubberized elastomeric face	.10
030218		LCR 4-Button Premium Transmitter Fixed or clone programmable, visor clip, keychain eyelet, rubberized elastomeric face	.10
050500		LCR Basic Wireless Keypad Up to 24 unique 2 to 5 digit access codes	.60
050551		LCR Premium Metal Wireless Keypad Up to 256 unique 2 to 5 digit access codes and 256 temporary access codes	1.4
030215		LCR Wireless Push To Operate Button Indoor or Outdoor	.25
030009		Coax Antenna Extension Kit Includes bracket & 12 feet coax	.50
030230		12 VDC LCR Receiver Kit Includes LCR 030205 Dual Channel Receiver, antenna bracket, 12 feet coax and antenna Solar Friendly Device	.75
030220		12 VDC LCR Receiver/Basic Package Includes LCR 030205 Dual Channel Receiver, antenna bracket, 2 basic remotes, 12 feet coax and antenna Solar Friendly Device	.95
030221		12/24 VDC Receiver/Basic Package Includes 030207 Dual Channel Receiver, antenna bracket, 2 basic remotes, 12 feet coax and antenna	.95

Radio Controls and Wireless Accessories

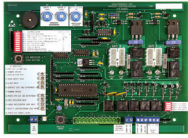


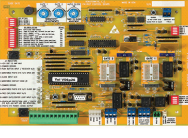
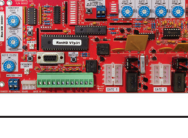
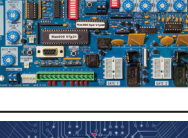

Item Part Number	Item Description	Weight in lbs
030231	 <p>12 VDC LCR Receiver/Premium Package Includes LCR 030205 Dual Channel Receiver, antenna bracket, 2 premium remotes, 12 feet coax and antenna Solar Friendly Device</p>	.90
030232	 <p>12/24 VDC Receiver/Premium Package Includes 030207 Dual Channel Receiver, antenna bracket, 2 premium remotes, 12 feet coax and antenna</p>	.92




Hardwired Accessories




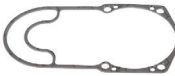
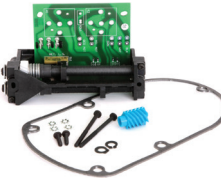
Item Part Number	Item Description	Weight in lbs
050700	 <p>Premium Metal Hardwired Keypad Up to 1000 permanent or temporary 2-5 digit access codes</p>	1.4
070510	 <p>Electric Gate Lock Retracting pin type <i>Wire NOT included</i></p>	9.60
550011	 <p>Photo Eye Kit with Batteries 12/24 VDC Wired receiver, wired or wireless transmitter <i>Wire NOT included</i></p>	1.80
550014	 <p>Metal Photo Eye Kit 12/24 VDC Wired receiver and wired transmitter <i>Wire NOT included</i></p>	3.75
500015	 <p>USAutomatic Expansion Module Allows up to 5 contact edges and 4 sets of photo eyes</p>	.75
550015	 <p>7 Day Timer for 12 VDC Systems <i>Wire NOT included</i> Solar Friendly Device</p>	.20
070305	 <p>CP4 Free Exit Device Solar Friendly Device</p>	5
630060	 <p>External Reset Button Assembly</p>	.02

Solar and AC Charging Accessories			
Item Part Number	Item Description		Weight in lbs
520001		USA Automatic Battery Controller AC or solar systems AC systems require 520009 - solar systems require either 520028 or 520031	.45
520009		DC Adaptor 20 VDC at 1.2 Amps	.45
520028		10 Watt Solar Panel Kit With 15 feet cable, bracket & plug	5.15
520031		20 Watt Solar Panel Kit With 15 feet cable, dual bracket & plug	8.85
520016		Solar Panel Cable Extension 75' With DC plug and spade terminals	1.65
630038		Charge Cable Extension Pigtails	.05
520000		AC Charger Kit With battery controller, harness & DC adaptor	1.00
520002		Solar Charger Kit With battery controller, harness & 10 watt solar panel	6.70
520003		Solar Charger Kit With battery controller, harness & 20 watt solar panel	10.40

Control Boards



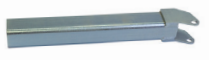




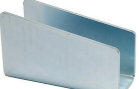






Item Part Number	Item Description	Weight in lbs
500016	 <p>Patriot Control Board - Green Pre 2016 Slide or Swing Gate Operator 1 year warranty</p>	.95
500018	 <p>Patriot Control Board - Red Swing Gate Operator - 1 monitored device required 5 year warranty</p>	.95
500017	 <p>Patriot RSL Control Board - Yellow Slide Gate Operator - for motor with 2 conductor cable 2 monitored devices required 1 year warranty</p>	.95
500026	 <p>Patriot RSL Control Board - Yellow Slide Gate Operator - for motor with 4 conductor cable 2 monitored devices required 5 year warranty</p>	.95
500027	 <p>Ranger HD Control Board - Red Swing Gate Operator, 1 monitored device required 3 year warranty</p>	.70
500028	 <p>Ranger 500 Control Board - Blue Swing Gate Operator, 1 monitored device required 3 year warranty</p>	.70
	 <p>Control Board Repair 90 day warranty</p>	NA

Actuators			
Item Part Number	Item Description		Weight in lbs
510001		Patriot Actuator Complete with 8 foot cable harness 24 inch stroke	28
510006		Ranger HD Actuator Complete with 8 foot cable harness 24 inch stroke	25.76
510350		Ranger 500 Actuator Complete with 8 foot cable harness 16 inch stroke	14.25



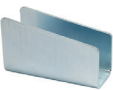





Actuator Parts			
Item Part Number	Item Description		Weight in lbs
510010		Patriot Actuator Acme Screw Assembly	6.35
510020		Patriot Actuator Stainless Steel Cover Tube Assembly	3.95
510101		Patriot Actuator Gasket Rear cover	.10
510100		Patriot Actuator Gasket Gear box inner gasket	.10
510103		Patriot Actuator Limit Switch Assembly	.30

Actuator Parts

Item Part Number	Item Description		Weight in lbs
630007		Patriot Actuator Wire Harness Includes all connectors, 8 feet	.85
510105		Patriot Actuator Limit Shaft <i>Gear NOT included</i>	.10
510102		Patriot Actuator Limit Nut	.01
501105		Patriot Blue Limit Drive Gear	.10
510107		Patriot Rubber Plug For limit adjustment access hole	.10
510109		Patriot Actuator Motor	3.00
630002		Ranger 500 (2nd Gen) Wire Harness Includes all connectors, 8 feet	1.06
510131		Ranger 500 (1st Gen) Wire Harness Includes all connectors, 8 feet	.85

Swing Gate Operator Parts			
Item Part Number	Item Description		Weight in lbs
610104		Patriot & Ranger HD Actuator Mounting Tube 2"	5.31
610101		Patriot Actuator Mounting Tube 2" x 2" x 17" old style	5.75
610420		Ranger 500 Actuator Mounting Tube	3.2
610530		Bronze Bushing price each - 2 required	.04
620011		Manual Release Clip All operators	.02
630041		Quick Connect Plug and Go Harness With 20 Amp Fuse All operators	.20
610020		Safety Sign Swing For all Swing Operators - price each - 2 required	.10
610430		Patriot & Ranger HD Actuator Support Bracket 2" Mounting Tube NOT included	2.52
620114		Patriot & Ranger HD Hardware Assembly Gate 1 610104 NOT included	3.65
620116		Patriot & Ranger HD Hardware Assembly Gate 2 610104 NOT included	3.45
610107		Patriot & Ranger HD Gate Bracket - 6 inch	.72
620010		Patriot & Ranger HD Manual Release Pin Stainless steel, lockable	.41
610620		Patriot & Ranger HD Stainless Steel Bushing	.04
610536		Patriot & Ranger HD Actuator Nylon Washer - 5/16" thick - price each - 2 required	.02






Swing Gate Operator Parts


Item Part Number	Item Description		Weight in lbs
610529		Ranger 500 (2nd Gen) Actuator Nylon Washer - 3/16" thick - price each- 2 required	.01
610528		Ranger 500 (1st Gen) Actuator Nylon Washer - 1/8" thick - price each - 2 required	.01
610425		Ranger 500 Actuator Support Bracket <i>Mounting Tube NOT included</i>	1.98
620113		Ranger 500 Hardware Assembly Gate 1 <i>610420 NOT included</i>	2.75
620119		Ranger 500 Hardware Assembly Gate 2 <i>610420 NOT included</i>	2.65
620112		Ranger 500 Bolt on Hardware Kit <i>Gate bracket NOT included (PN 610105)</i> <i>Not for use on HD Actuator</i>	7.0
610105		Ranger 500 Gate Bracket - 2 inch	.34
610534		Ranger 500 Manual Release Pin	.12

Slide Gate Operator Parts			
Item Part Number	Item Description		Weight in lbs
510220		Patriot RSL Gear Motor Complete with bracket and 16 tooth output sprocket <i>Motor Sprocket PN 580030 NOT included</i>	12.02
620130		Patriot RSL Detail Hardware Assembly	3.95
580060		Patriot RSL Delron Idler Roller Assembly Includes bearing, washer and bolt	.55
590050		Patriot RSL Limit Switch	.10
590070		Patriot RSL Limit Switch Plate Assembly	.20
620015		Patriot RSL Limit Switch Plate Support Spring 1.25"	.05
620060		Patriot RSL Limit Switch Plate Standoff 1"	.01
620025		Patriot RSL Limit Switch Plate Cap Nut	.01
590060		Patriot RSL Limit Switch Plate Harness	.20
590057		Patriot RSL Limit Nut Kit	.20
580040		Patriot RSL 1" Pillow Block Bearing	1.50
610201		Patriot RSL Gate Drive Shaft	3.45
630100		Patriot RSL Battery Controller Harness	.20
640040		Patriot RSL #41 Gate Chain - 30'	2.89












Slide Gate Operator Parts

Item Part Number	Item Description		Weight in lbs
640010		Patriot RSL #41 Gate Chain - 10'	4.53
640020		Patriot RSL #41 Master Link	.1
640030		Patriot RSL Gear Motor to Drive Sprocket #41 Chain - 18"	.67
580015		Patriot RSL Output Sprocket 1" bore 16 teeth #41 chain	1.67
580010		Patriot RSL Output Sprocket (1st & 2nd Gen) 1" bore 13 teeth #41 chain	.35
580020		Patriot RSL Intermediate Sprocket 1" bore 21 teeth #41 chain	.50
580030		Patriot RSL Motor Sprocket 1/2" bore 13 teeth #41 chain	1.70
680010		Patriot RSL Push-Pull Manual Release Knob <i>Disc NOT included</i>	.05
570010		Patriot RSL Chain Bracket	1.65
570020		Patriot RSL Chain Adjustment Bolt	.15
590030		Patriot RSL Manual Release Cover With mounting screw	.50
610025		Safety Sign Slide for all Slide Operators - price each - 2 required	.21


Control Boxes / Covers / RSL Frames			
Item Part Number	Item Description		Weight in lbs
600020		Patriot & Ranger HD Metal Cabinet with Cover With lock and 2 keys	15.35
602020		Patriot & Ranger HD Metal Cabinet Cover Only With lock and 2 keys	3.96
020570		Ranger (HD or 500) Plastic Control Box and Cover Includes shelf	4.89
590020		Patriot RSL Cover With manual release access plate	11.76
590010		Patriot RSL Frame	36.40

Miscellaneous Parts All Operators			
Item Part Number	Item Description		Weight in lbs
530015		Siren 12 VDC 105 db All operators	.04
600174		Premium Wireless Metal Keypad Back Housing	.30
600180		Premium Hardwired Metal Keypad Back Housing	.30
620007		3/4" Plastic Standoff	.001
620008		1" Plastic Hex Standoff	.001
600170		Push Button Latch for Metal Cabinet Cover Comes with 2 keys	.07
600172		Push Button Latch Keys for Metal Cabinet Cover Set of 2	.03
600173		Key for Premium Keypad Sold Individually For wireless or hardwired keypads	.10
030208		Antenna for Coax Connector	.10

Miscellaneous Parts All Operators

Item Part Number	Item Description		Weight in lbs
030227		USAutomatic Smart App Antenna Coax Cable	.10
030228		USAutomatic Smart App Antenna	.10
030229		USAutomatic Smart App DB9 Cable	.10
520017		Solar Panel Replacement Cable (15') With DC plug and spade terminals	1.00
620118		Gate 2 Actuator Installation Kit Patriot/Ranger HD With actuator mounting tube, support bracket, gate bracket, release pin, 40' cable and hardware	12.00
620120		Gate 2 Actuator Installation Kit Ranger 500 With actuator mounting tube, support bracket, gate bracket, release pin, 40' cable and hardware	12.84
650025		2" Hole Insert	.01
610512		3/8" x 3" SAE Shoulder Bolt	.10
610516		3/8" SAE Flat Washer	.10
610518		3/8" SAE Nylon Insert Lock Nut	.10
610006		Screwdriver Flat Blade	.02

Wire & Cable - Precut & Bulk

Item Part Number	Item Description		Weight in lbs
630010		7-Conductor Wire per Foot 2-14 ga, 3-18 ga & 2-20 ga wires	.10
630015		7-Conductor Wire 1000' 2-14 ga, 3-18 ga & 2-20 ga wires	98
630020		7-Conductor Wire 40' 2-14 ga, 3-18 ga & 2-20 ga wires Standard with Ranger HD2 and Patriot 2	4.34
630036		7-Conductor Wire 35' 2-14 ga, 3-18 ga & 2-20 ga wires Standard with Ranger 500 2	3.90



The USA Automatic Difference

Unbeatable Customer Service

Real People. Real Answers. Real Support.

We answer our phones directly and provide quick and competent support.

Our warehouse is full of ready-made product enabling us to fulfill orders promptly.

We provide USA Automatic gate operator education for distributors and installers to help ensure success for both your company and ours.



Setting the Standard

Innovation starts here

Combining in-house R&D with over 30 years of innovation, we continue to lead the advancement of the access control industry.

Our control boards are micro-processor controlled, allowing us to offer new features and installation options quickly.

We thoroughly test all of our designs prior to market introduction to ensure the consistency and high quality you've come to trust.



Family Owned



Made in the USA



Setting the Standard



A reputation for high quality products and superior customer service.

Committed to Solar Power

Solar focused from the start

Not just to charge our gate operators, but to power our entire operation.

Our Lewisville, Texas facility is home to 271 solar panels, helping us dramatically reduce our CO₂ emissions and improving our sustainability.

We generate 78% of our electricity use through solar energy production.



Our Philosophy

Since 1994

We are proud to continue to be family run and made in America.

USAutomatic is built on honesty, integrity and equality in everything we do. This ensures our customers are treated equally and strengthens employee retention.

"What we do for one, we do for everyone."



Superior Customer Service



Sustainability



UL325 Certification

MADE IN THE USA

www.usautomatic.com

972-221-7000

888-204-0174



Current tax codes may allow you to obtain a tax credit against the installed price of the USA Automatic Solar Gate Operator System and the cost of installation. It does not apply to the cost of the gate itself, or installation of the gate.

This Solar Tax Certificate may be submitted, along with the appropriate IRS form 5695 to qualify for the Residential Energy Efficiency Property Credit.

CERTIFICATION FOR SOLAR TAX CREDIT

Manufacturer's Certification for credit for residential energy efficient property qualified under internal revenue code section 25D

Name and Address of Manufacturer:

USA Automatic, LLC
170 Valley Ridge Blvd
Lewisville, TX 75057

Identification of Property:

Solar Electric Property

Make and Model Numbers of Property Qualifying for Credit:

Patriot 1 Solar Charged Single Swing Operator - w/LCR (020035)
Patriot 2 Solar Charged Dual Swing Operator - w/LCR (020075)
Patriot RSL Solar Charged Slide Gate Operator - w/LCR (020430)
Ranger HD 1 Solar Charged Single Swing Operator - w/LCR (020518)
Ranger HD 1 Solar Charged Single Swing Operator - Metal Cabinet - w/LCR (020522)
Ranger HD 2 Solar Charged Dual Swing Operator - w/LCR (020519)
Ranger HD 2 Solar Charged Dual Swing Operator - Metal Cabinet - w/LCR (020523)
Ranger 500 1 Solar Single Swing Operator - w/LCR (020512)
Ranger 500 2 Solar Dual Swing Operator - w/LCR (020513)

The tax credit for owners of new residential and commercial solar systems is:

2016-2019: 30% of the cost of the system
2020-2021: 26% of the cost of the system
2022-2032: 30% of the cost of the system

** The rates shown above are subject to change by The United States Congress at any time.
Please consult with your tax specialist prior to filing for your credit.*

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete. We are not providing tax consultation. Please refer to a qualified tax professional for more information.

Mike Storms
President - USA Automatic



WARRANTY*

USAutomatic LLC provides the following warranty from date of manufacture:

- All operators shall be free from defects in materials for a period of 3 years
- Ranger 500 and Ranger HD control boards - current design – 3 year warranty
- Patriot and Patriot RSL control boards - current design – 5 year warranty
- Control boards - previous versions - 1 year warranty
- All accessories - 1 year warranty

This warranty excludes items that have been abused, misused, altered, incorrectly installed, damaged from battery acid, damaged by weather or other acts of God, or had lack of necessary maintenance. Changes or modifications not expressly approved by the Manufacturer will void the warranty.

This warranty is limited to the product only, no incidental or consequential damages are covered. Charges such as field labor and trip charges to inspect or reinstall a repaired or replaced unit are not covered. Replacement of battery is not covered. This warranty also does not cover any problems with the gate or gate hardware or any consequential damages to any surrounding area of the gates.

All warrantied products will be repaired or replaced at the discretion of the Manufacturer. All required parts, shop labor, and return shipping to our customer will be provided free of charge (within the contiguous United States).

SUPPORT

If you have operational questions, or are in need of warranty service, please contact our Support Department by email at support@usautomatic.com or call 972-221-7000 Monday through Friday (or toll free at 888-204-0174).

If your issue is not resolvable, our Service Department may request the product(s) be returned for warranty service. A Return Authorization Number (RA#) will be issued and you will be given instructions on how and where to return the product. Packages without an RA# written on the box may not be accepted.

We will need the following information:

Model: _____ Serial Number**: _____

Date of Purchase: ____/____/____ Purchased From: _____

*You may have other rights based on your State. Please refer to State Law for specific inclusions and exclusions.

**Serial Number can be found by opening operator cover and looking on the control board



SOLD THROUGH AUTHORIZED DISTRIBUTORS

USAutomatic, LLC
170 Valley Ridge Blvd
Lewisville, Texas 75057

sales@usautomatic.com
support@usautomatic.com

972-221-7000 or 888-204-0174



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www.usautomatic.com

