



SPRING/SUMMER 2014  
**CATALOG**

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# REEDY POWERED

Established by Mike Reedy in the early '70s as a slot car motor manufacturer, Reedy adapted to the emerging R/C car market and quickly became the leader in R/C car electric motor and battery development and technology.

With 29 IFMAR World Championships and hundreds of National Championship around the world, the Reedy name is synonymous with winning. Now managed by Pro R/C racer and 30 year R/C industry veteran Rick Hohwart, Reedy powered

drivers continue to find themselves on the top step of the podium.

Reedy competition batteries, electric motors, nitro engines, and accessories are conceived and designed in Lake Forest, California, USA.



#232

<b>DIMENSIONS:</b>	
Cells (LiPo/NiMH)	2S/6-Cell
Diameter (mm)	35.8
Length (mm)	52.9
Shaft Dia. (mm)	3.17
Weight (g)	175-185g



**Features:**

- Lightweight design
- Optimized air flow
- Dual precision ball bearings
- Silver plated solder tabs
- Completely rebuildable
- Competition proven
- Ultra smooth, sensored operation
- Built to ROAR/EFRA/IFMAR specs
- 200mm sensor wire
- Adjustable timing w/alloy end cap
- High-strength balanced sintered rotor

Recognized for their smooth, driver-friendly power band, Sonic 540 Mach 2 motors are responsible for countless race wins at both the international and club level.

A variety of features enhance performance, reliability, and user friendliness. Strategically placed vent holes reduce the chance of debris entering the motor while maintaining excellent airflow. A precision-machined alloy end cap prevents accidental timing movement while maintaining proper bearing alignment. Rounding out

the motor's external features are silver-plated solder tabs to reduce power-robbing resistance.

Internally, a precision-balanced high-strength sintered rotor creates maximum power output while resisting fade due to heat. To fine-tune for specific applications and tracks, a variety of optional rotors are available.

The Sonic 540 Mach 2 is available in sixteen models for both stock and modified racing and meets ROAR, EFRA, and IFMAR specifications.

**REEDY SONIC 540 MACH 2 MOTORS SPECIFICATIONS:**

	25.5	21.5	17.5	13.5	10.5	9.5	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5
<b>Part Number</b>	228	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246
<b>Voltage</b>	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4	3.7-7.4
<b>RPM/7.4V</b>	10656	13834	17041	22699	27826	30755	34380	36317	38357	39242	40927	42735	45397	49926	54754	61592	70405
<b>kV</b>	1440	1869	2303	3067	3760	4156	4646	4865	5183	5303	5531	5775	6135	6747	7399	8323	9514
<b>Power (W)</b>	110	152	192	258	323	353	394	400	414	427	449	472	505	545	576	626	712
<b>Max Current (A)</b>	15	22	28	36	46	48	51	54	57	59	61	65	68	74	78	86	93
<b>Efficiency (%)</b>	96	96	95	95	95	94	94	94	93	93	93	93	93	92	92	91	90



Competition tested and proven by top drivers such as Ryan Maifield, Neil Cragg, Juho Levanen, Keven Hébert, Olly Jefferies, and Rick Hohwart, Reedy competition LiPo batteries feature high capacity for maximum duration with generous discharge ratings for maximum power output. Reedy works directly with cell manufacturers to bring you the latest technology which is housed in Reedy's molded hard case with socket connectors to minimize resistance and increase power.

Reedy batteries deliver world-class performance and reliability to racers worldwide.

### Features:

- High capacity for maximum duration
- Generous discharge rating for maximum power output
- Durable hard case
- Industry standard 4mm socket connectors
- ROAR/EFRA/IFMAR approved
- Competition proven



### REEDY COMPETITION LIPO BATTERY SPECIFICATIONS:

Model Number	309	310	311	312	313	314	602	626
Capacity (mAh)	7000	5700	4600	7000	7000	5800	4100	5500
Voltage	7.4V (2S)	7.4V (2S)	14.8V (4S)	3.7V (1S)	7.4V (2S)	7.4V (2S)	7.4V (2S)	14.8V (2S)
Max. Charging Current (A)	14.0	11.4	9.2	14.0	14.0	11.6	8.2	11.0
Max. Cont. Discharging Current	65C	65C	55C	65C	65C	65C	65C	60C
Burst Discharging Current	120C	120C	120C	120C	120C	120C	120C	80C
Dimensions (mm)	139x47x25.1	99.5x47x25.1 (x2)	138.5x46x38.2	93x47x18.5	138.8x46x25	93x68.5x25.1	96x47x25	138x47x46
Weight (g)	320	269	449	155	318	318	211	606
Connector	4mm	4mm	5mm	4mm	5mm	4mm	4mm	T-Plug



### Reedy Low-Profile Bullet Connectors

Reedy's low-profile bullets feature a flat top for easy soldering with four contact points and silver plating for a low resistance connection.

- #643 4 x 14 (mm) (x2) Bullet Connectors
- #644 4 x 14 (mm) (x10) Bullet Connectors
- #645 5 x 14 (mm) (x2) Bullet Connectors
- #646 5 x 14 (mm) (x10) Bullet Connectors

### Reedy's Pro Silicone Wires

Ultra-thin strands of high-grade copper provide efficient current flow while thin-walled silicone insulation increases flexibility and reduces weight.

- #647 12 AWG Gauge Wire, 4.0mm, 1m length
- #648 14 AWG Gauge Wire, 3.0mm, 1m length
- #649 16 AWG Gauge Wire, 2.7mm, 1m length



Pro Silicone Wire, 14AWG #648

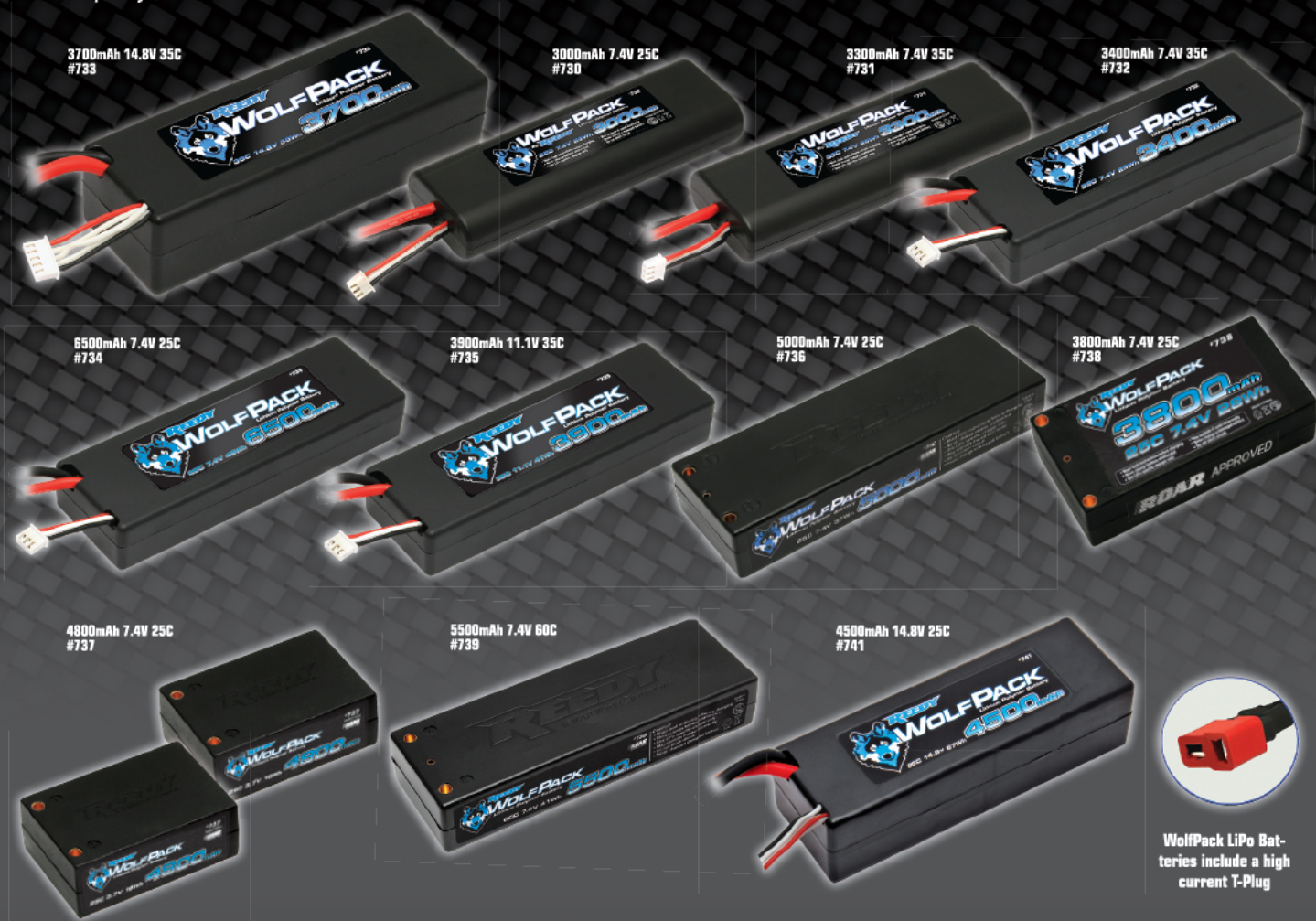
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Reedy's WolfPack LiPo batteries meet the performance demands of both the casual enthusiast and the club racer. Generous discharge capabilities increase overall power and top speed while high capacities extend run times far beyond what is capable with NiMH batteries or lower-quality LiPo batteries.

Each battery features Reedy's molded hard case for maximum crash protection in sizes that fit the most popular car configurations. High-quality cell manufacturing and construction techniques result in reliable operation and maximum cycle-life.



WolfPack LiPo Batteries include a high current T-Plug

**WOLFPACK LIPO BATTERY SPECIFICATIONS:**

Model #	Capacity (mAh)	Nominal Voltage	Max. Charge Current (A)	Max. Continuous Discharge Current	Burst Discharge Current	Dimensions (mm)	Weight (g)	Connectors (charge/balance)
730	3000	7.4 (2S)	6.0	25C (74A)	50C (147A)	24.5x47x139	201	T-Plug/JST-XH
731	3300	7.4 (2S)	6.6	35C (116A)	70C (231A)	24.5x47x139	216	T-Plug/JST-XH
732	3400	7.4 (2S)	6.8	35C (119A)	70C (238A)	25.1x47x139	225	T-Plug/JST-XH
733	3700	14.8 (4S)	7.4	35C (130A)	70C (259A)	35x47x139	432	T-Plug/JST-XH
734	6500	7.4 (2S)	13.0	25C (163A)	50C (325A)	25.1x47x139	334	T-Plug/JST-XH
735	3900	11.1 (3S)	7.8	35C (137A)	70C (273A)	25.1x47x139	345	T-Plug/JST-XH
736	5000	7.4 (2S)	10.0	25C (125A)	50C (250A)	24.0x47x139	261	4mm/2mm
737	4800	7.4 (2S)	9.6	25C (120A)	50C (240A)	25x47x67 (x2)	277	4mm/2mm
738	3800	7.4 (2S)	7.6	25C (95A)	50C (190A)	24.5x47x94	207	4mm/2mm
739	5500	7.4 (2S)	11.0	60C (330A)	80C (440A)	25.1x47x139	301	4mm/2mm
741	4500	14.8 (4S)	9.0	25C (113A)	50C (226A)	35x47x139	424	T-Plug/JST-XH

\*High power battery connector not included with #736 - #739



**SONIC**



**DIMENSIONS:**

Diameter (mm)	35.8
Length (mm)	52.9
Shaft Diameter (mm)	5.0
Weight (g)	180



**DIMENSIONS:**

Diameter (mm)	38.9/41.5
Length (mm)	65.0
Shaft Diameter (mm)	5.0
Weight (g)	315

- Lightweight design
- Optimized air flow
- Dual precision ball bearings
- High-strength 4-pole rotor
- Adjustable timing
- Aluminum end cap
- 5mm shaft
- Competition proven
- Built to ROAR specs

**REEDY SONIC 544 MACH 2:**

	4300	4800
Part Number	203	204
Voltage	7.4	7.4
RPM/7.4V	31820	35520
kV	4300	4800
Power (W)	520	600
Max Current (A)	70	85
Efficiency (%)	94	92

**REEDY SONIC 1512 SPECIFICATIONS:**

	1800	2100	2400
Part Number	988	989	993
Voltage	14.8V	14.8V	14.8V
RPM/7.4V	26640	32560	35520
kV	1800	2100	2400
Power (W)	1670	2100	2300
Max Current (A)	113	142	155
Efficiency (%)	90	88	88



- Oversized precision ball bearings
- High-strength 2-pole rotor\*\*
- High-torque 4-pole rotor\*\*\*
- Hardened 1/8" steel shaft\*\*
- Hardened 5mm steel shaft\*\*\*
- Triple-insulated windings
- Sensorless operation

\*\*540-SL, \*\*\*550-SL/1515-SL

**Spare/Option parts listing**

- #908 Replacement Rotor 540-SL
- #909 Replacement Rotor 550-SL
- #974 540-SL/550-SL Steel Bearing Set
- #975 540-SL/550-SL Ceramic Bearing Set

**REEDY 540-SL/550-SL/1515-SL SPECIFICATIONS:**

Model #	Description	Cells (LiPo/NiMH)	RPM Per Volt	Diameter & Length(mm)	Weight (g)	Shaft Diameter	Max. Efficiency Current	Max. Surge Current	Internal Resistance	Application
920	540-SL 3300kV	2-3/4-8	3300	36/50	190	1/8"	10~40A	45A/60s	20mΩ	1/10 2wd/4wd
921	540-SL 3900kV	2-3/4-8	3900	36/50	190	1/8"	10~45A	50A/60s	16mΩ	1/10 2wd/4wd
922	540-SL 4900kV	2/4-8	4900	36/50	190	1/8"	10~50A	55A/60s	12mΩ	1/10 2wd/4wd
923	540-SL 6100kV	2/4-8	6100	36/50	190	1/8"	10~55A	60A/60s	8mΩ	1/10 2wd/4wd
924	550-SL 3500kV	2-3/4-8	3500	36/55	200	5mm	10~45A	55A/60s	6.5mΩ	1/10 4wd SC
925	550-SL 4000kV	2-3/4-8	4000	36/55	210	5mm	10~50A	60A/60s	6.2mΩ	1/10 4wd SC
929	1515-SL 2000kV	3-4 LiPo	2000	40/74	380	5mm	10~50A	100A/15s	6.2mΩ	1/8 Buggy/Truck



**REEDY MICRO BRUSHLESS MOTORS SPECIFICATIONS:**

Model #	Description	Cells (LiPo/NiMH)	RPM Per Volt	Diameter & Length(mm)	Weight (g)	Shaft Diameter
910	Micro 5000kV	2-3/4-8	5000	22.5/33.6	57	2.0mm
911	Micro 5500kV	2-3/4-8	5500	22.5/33.6	57	2.0mm
912	Micro 6100kV	2-3/4-8	6100	22.5/33.6	57	2.0mm
913	Micro 7000kV	2/4-6	7000	22.5/33.6	57	2.0mm
914	Micro 8000kV	2/4-6	8000	22.5/33.6	57	2.0mm
915	Micro 9500kV	2/4-6	9500	22.5/33.6	57	2.0mm

**Micro Motor/ESC Combos**

- #910 Micro Brushless Motor 5000kV
- #911 Micro Brushless Motor 5500kV
- #912 Micro Brushless Motor 6100kV
- #913 Micro Brushless Motor 7000kV
- #914 Micro Brushless Motor 8000kV
- #915 Micro Brushless Motor 9500kV
- #930 Micro Brushless ESC w/5000kV Motor
- #931 Micro Brushless ESC w/5500kV Motor
- #932 Micro Brushless ESC w/6100kV Motor
- #933 Micro Brushless ESC w/7000kV Motor
- #934 Micro Brushless ESC w/8000kV Motor
- #935 Micro Brushless ESC w/9500kV Motor

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**Reedy 121VR-ST .21 Off Road Competition Nitro Engine**

Extensively track-tested by Reedy factory drivers such as Ryan Maifield, Craig Drescher, Neil Cragg, and Richard Saxton, the VR-ST incorporates modern features in a proven package. The 121VR-ST (Special Tuned) takes performance to an entirely new level with the addition of a balanced ADLC-coated crankshaft, ceramic rear bearing, lightweight piston, and ADLC coated wrist pin. An ultra-lightweight heat sink head with "diamond cut" fins improves cooling while lowering the center of gravity. The 121VR-ST is a race-proven engine that is capable of producing world-class power and fuel economy with a driver-friendly linear power band.

**#801 Reedy 121VR-ST .21 Off Road Competition Nitro Engine**

**Features:**

- 3+1 Port Chrome Plated Cylinder
- High Silicon CNC-Machined Lightweight Piston
- Knife-Edged 7075 Aluminum Connecting Rod
- ADLC-Coated Wrist Pin
- Chrome-Plated Back Plate with Turbo Scoop
- Ultra-Lightweight Machined Aluminum Heat Sink Head
- Thermo-Insulated, Screw-Mounted 2-Needle Carburetor
- Balanced Turbo Scoop Crankshaft with ADLC Coating and Insert



High Silicon  
CNC Machined Piston



ADLC Coated  
crankshaft



#801

- Precision Steel Front Ball Bearing
- Precision Ceramic Rear Ball Bearing
- Oversized Finned Turbo Head Button
- 7.0mm, 8.0mm, and 9.0mm Venturi Inserts
- Designed for 1:8 Off-Road Competition



#28040



#28041

**Reedy Turbo Glow Plugs**

Reedy Turbo glow plugs are designed for turbo head competition engines. Easy engine starting, consistent tuning, smooth idling, and excellent power output are attributes that make Reedy plugs an excellent choice for racers or for backyard enthusiasts that seek reliable engine operation. Suitable for use with R/C car fuels with nitro contents between 20% and 30%, Reedy Turbo glow plugs come in two heat ranges for maximum performance in most conditions. For comparison, the RT3/RT4 performs similarly to the OS P3/P4.

#28040 Pro RT3 Turbo Glow Plug, very hot

#28041 Pro RT4 Turbo Glow Plug, hot



#28048

**Reedy Competition Exhaust System**

Reedy's mufflers feature a 3-chamber design for a linear power band and exceptional all-around performance. A reinforced stinger and hard-anodized finish increase durability while a single-piece pressure nipple is positioned for maximum body clearance. The 2035 muffler is incredibly powerful on the bottom-end with good straight line speed. A hard-anodized header designed specifically for use with these mufflers is also available.

#28045 2035 Exhaust Sys

#28046 2035 Muffler

#28047 Exhaust Manifold

#28048 2039 Exhaust Sys

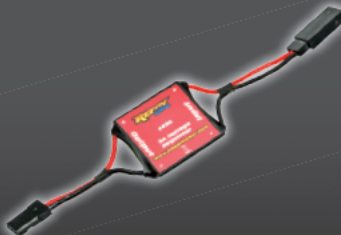
#28049 2039 Muffler



#715 Reedy Banner  
3' x 5'



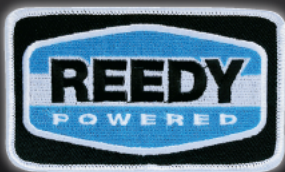
#716 Reedy Decal Set



#636 Reedy 6.0V 5A  
Voltage Regulator



#SP38 Reedy Trucker Hat



#SP39 Reedy Patch



#SP84 S-XXXL Reedy  
3D T-shirt - Black



#SP37 S-XXL Reedy 2012  
T-shirt - Black



#SP86 Reedy Girls's  
3D T-shirt - Black



### Reedy NiMH WolfPack Batteries

WolfPacks are assembled using Reedy's high-tech NiMH sub-C SC-R cells. This exclusive cell features high capacity for extended run times while delivering maximum output thanks to its current carrying capabilities and ultra-low internal resistance. To further minimize power-robbing resistance and heat, welded connections between each cell and thick 14AWG silicone power wires ensure maximum performance and reliability.

- |      |   |      |   |
|------|---|------|---|
| #681 | 2400mAh 7.2V with high current T-Plug connector | #693 | 2400mAh 7.2V w/TAM                              |
| #682 | 3000mAh 7.2V with high current T-Plug connector | #694 | 3000mAh 7.2V w/TAM                              |
| #683 | 3600mAh 7.2V with high current T-Plug connector | #695 | 3600mAh 7.2V w/TAM                              |
| #684 | 4200mAh 7.2V with high current T-Plug connector | #700 | 4200mAh 7.2V w/TAM                              |
|      |   | #724 | 3000mAh 8.4V with high current T-Plug connector |
|      |   | #725 | 3600mAh 8.4V with high current T-Plug connector |



#724



#725

### Reedy 526-S AC/DC 2S to 6S LiPo/LiFe Charger

Great features at an economical price make the Reedy 526-S AC/DC 2S-6S LiPo/LiFe Balance Charger the perfect choice for all LiPo and LiFe battery charging requirements. Simple to use in a compact package, all functions are controlled with a single button. The charging process is as simple as connecting your battery and pressing the start button.

Because the 526-S is capable of charging 2S-6S LiPo or LiFe batteries, it's a one-stop charging solution for nitro racers who need to charge receiver, transmitter, and starter box batteries. It is also the perfect charging option for electric enthusiasts who want the flexibility to charge a variety of different battery types and configurations for a variety of vehicle types and scales.

#604 Reedy 526-S AC/DC 2S-6S LiPo/LiFe Charger

### Features:

- AC/DC power input
- Selectable charge rate of 1, 2, 3, 4, or 5 amps
- LiPo and LiFe compatible
- Balance charges 2S-6S batteries
- Simple one-button operation
- 12-bit microchip CPU controller
- LED and beeper charge status indicators
- High current T-Plug connector
- JST-XH balance harness
- Previous charge setting memory
- Reverse and short-circuit protection
- Internal cooling fan



#604



#610

### Reedy AC/DC 4-7 Cell NiMH/NiCd Charger

The 447-S utilizes state-of-the-art peak prediction circuitry to protect batteries from damage due to overcharging. Standard peak detection circuitry continues charging even after the battery is fully charged, which can damage the battery. Instead, the 447-S continuously monitors the battery's charge curve, calculates when the peak will occur, and stops charging at that point.

Advanced Trickle Charge mode automatically begins when the battery is completely charged. This pulse current charge function keeps the battery charged until it is ready for use and conditions the cells to ensure maximum performance and longevity.

#610 Reedy 447-S AC/DC 4-7 Cell NiMH/NiCd Charger

### Features:

- AC/DC power input
- Selectable charge rate of 1, 2, or 4 amps
- NiMH and NiCd compatible
- Charges 4-7 cell battery packs
- 8-bit microchip CPU controller
- LED and beeper charge status indicators
- Peak Prediction Circuitry
- Advanced Trickle Charge
- Receiver pack charge lead adapter
- Fuse protection
- Tamiya-style connector
- Voltmeter jacks

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#302 AA Alkaline 1.5V (4)



#637 LiPo TX Battery - M11X 2500mAh 7.4V



#304 LiPo Pro RX Battery 1600mAh 7.4V Flat



#305 LiFe Pro RX Battery 1300mAh 6.6V Flat



#307 LiFe Pro RX Battery 250mAh 6.6V



#308 LiPo Pro RX Battery 350mAh 7.4V



#612 NiMH RX Battery 1600mAh 6.0V Hump



#613 NiMH RX Battery 1600mAh 6.0V Flat



#625 LiPo 1800mAh 7.4V 25C Battery w/High current T-Plug connector



#631 LiPo RX Battery 2100mAh 7.4V



#638 LiFe RX Battery 1700mAh 6.6V



#639 LiPo 1200mAh 7.4V RX Battery



#640 LiPo 2300mAh 7.4V RX Battery



#606 Charge Harness 2S Saddle Pack 4mm



#607 Charge Harness 2S Standard Pack 4mm



#609 Tamiya to T-Plug Charger Adapter

### Reedy Connectors

Lower resistance means more power and longer run times. Reedy's new easy-to-install high performance gold connectors provide a low-resistance connection in a compact package. In all cases, replacing high-resistance connectors with Reedy gold connectors improves all aspects of a vehicle's performance.

- #654 4.0mm Bullet Connectors (2 Male, 2 Female)
- #655 4.0mm Bullet Connectors (2 Male, 10 Female)
- #656 4.0mm Bullet Connectors (10 Female)
- #658 4.0mm Bullet Connectors (10 Male)
- #659 4.0mm Bullet Connectors (30 Male)
- #663 3.5mm Connectors (10 Male)
- #664 3.5mm Connectors (30 Male)
- #669 5.0mm Bullet Connectors (2 Male)



#656



#669



#658



#668 Charge Harness 4S Standard Pack 5mm

26021 Commercentre Dr. Lake Forest, CA 92630

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