

# Hobby Batteries

**Camelion®**

*More Energy Solutions*



You Demand  
Additional **Punch** and Run Time

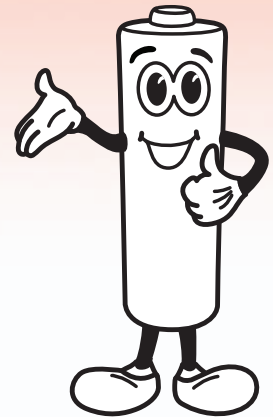


Nothing fascinates an RC Freak more than the miniatures of toy racing cars and other power vehicles. Rock crawlers, boats, planes, hi-tech combat vehicles and robo-toys. Camelion helps transport you into a world that goes...vroom!

**Camelion**®

## **We Offer The High Discharge Rate You Need**

To help keep your motor running for extended periods of time and with the additional punch you need, look no further! Camelion offers you a broad range of specially designed high discharge rate batteries and stick packs for your toy needs.



- **High Power Output** Up to 100,000mA discharge current
- **New Lithium Polymer** for maximum punch
- **High Moving Power Voltage**
- **Long Cycle Life**
- **Reliable and Long Lasting** Low internal impedance and self-discharge
- **Unique, Tough Construction**
- **A Broad Product Range**
- **Optimal Battery Mix & Match** Provides maximum stick pack power

Our batteries and stick packs are packed with additional features to help you get the maximum boost from your toys. All batteries and stick packs include.

- **Latest Welding Technology** for super strength
- **Temperature Resistant** professional silicon wire
- **Pre-fitted** with Tamiya connectors



*When you require high power to give you the fast moving thrills you thrive on, let Camelion offer you the right solutions today.*



# Lithium Polymer Professional

Camelion professional stick pack series provide outstanding power output and discharge current, and include super light, high energy density lithium polymer technology as well as Ni-MH stick packs. This series is best suited for hobby racing cars.

- **High Power Output 20C** rating and up to 100,000mA discharge current
- **Lithium-Polymer Batteries** are light, offer very high energy density and up to 30% more runtime than normal Ni-MH batteries of the same capacity.
- **High Moving Power Voltage**
- **Long Cycle Life**
- **Low Internal Impedance and Self Discharge**
- **Unique, Tough Construction**
- **Latest Welding Technology** for super strength
- **Temperature Resistant** professional silicon wire
- **Pre-fitted** with Tamiya connectors

\* Camelion 2009 Lab Tests



RC-961 Series



RC-962 Series



RC-963 Series

**20C** Discharge Current

Up to **100** Amps Power Output

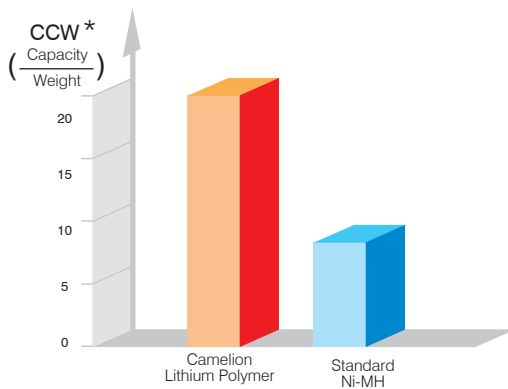




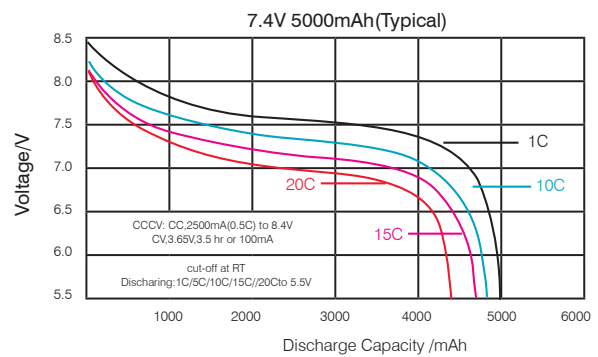
## Specifications

Camelion Model	Voltage (V)	Capacity (mAh)	Configuration	High Current (mA)	Discharge Rate	Weight (g)
RC-961A	7.4	3600	LIP3600P	7200	20C	220
RC-961B	7.4	4000	LIP4000P	8000	20C	230
RC-961C	7.4	5000	LIP5000P	10000	20C	280
RC-962A	7.4	3600	LIP3600P	7200	20C	235
RC-962B	7.4	4000	LIP4000P	8000	20C	245
RC-962C	7.4	5000	LIP5000P	10000	20C	270
RC-963A	7.4	3600	LIP3600P	7200	20C	235
RC-963B	7.4	4000	LIP4000P	8000	20C	245

## Higher Capacity to Weight!



## High Discharge Performance



\* Camelion Capacity to Weight index. See p.14.



# Ni-MH Professional



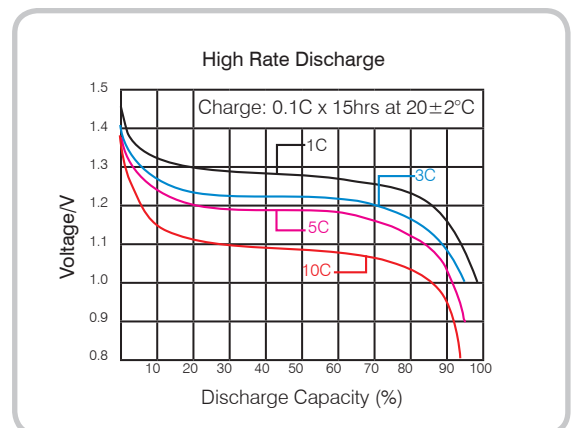
- High Power Output up to 46,000mA discharge current
- High Moving Power Voltage
- Long Cycle Life
- Low Internal Impedance And Self Discharge
- Unique, Tough Construction
- High Capacity to Weight Ratio

**10C** Discharge Current

Up to **46** Amps Power Output



Specifications			
Camelion Model	Voltage (V)	Capacity (mAh)	Configuration
RC905T-BP	7.2	4600	6NH-SC4600PSK2-BP
RC905L-BP	7.2	4300	6NH-SC4300PSK2-BP
RC905H-BP	7.2	4000	6NH-SC4000PSK2-BP
RC905P-BP	7.2	3800	6NH-SC3800PSK2-BP
RC905G-BP	7.2	3300	6NH-SC3300PSK2-BP
RC905F-BP	7.2	3000	6NH-SC3000PSK2-BP
RC905N-BP	7.2	2400	6NH-SC2400PSK2-BP





# Ni-MH / Ni-Cd Standard

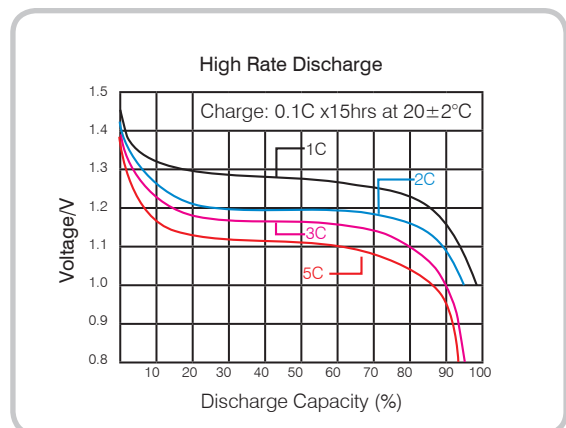
**5C Discharge Current**

- High Moving Power Voltage
- Long Cycle Life
- Low Internal Impedance And Self Discharge
- Unique, Tough Construction



## Common Picks: Stick Packs

Camelion Model	Voltage (V)	Capacity (mAh)	Configuration
RC901C-BP	4.8	800	4NC-AA800SK2-BP
RC903B-BP	6.0	700	5NC-AA700B-BP
RC905C-BP	7.2	2000	6NC-SC2000SK2-BP
RC905E-BP	7.2	3000	6NH-SC3000SK2-BP
RC908C-BP	9.6	800	8NC-AA800SK2-BP
RC908E-BP	9.6	2000	8NH-AA2000SK2-BP



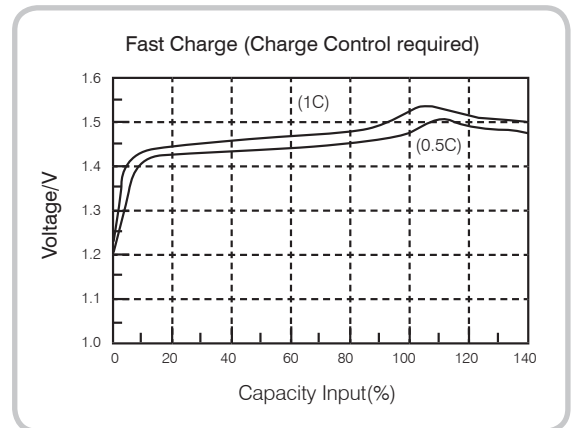
# Ni-MH Professional

Great For Racing Cars & Boats

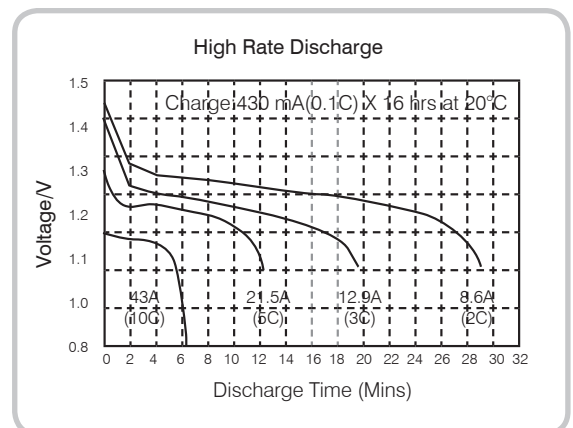


Our Ni-MH SC4600 single cell batteries can provide an amazing 46,000mA of power .

- **Super Power Output** Up to 46,000mA discharge current
- **High Moving Power Voltage**
- **High Punch Power and Capacity** High capacity to weight ratio
- **Long Cycle Life**
- **Unique, Tough Construction** High performance without leakage or deformation



Common Picks: Single Cell			
Camelion Model	Chemistry	Voltage (V)	Capacity (mAh)
RC-NH-SC4600P	Ni-MH	1.2	4600
RC-NH-SC4300P	Ni-MH	1.2	4300
RC-NH-SC4000P	Ni-MH	1.2	4000
RC-NH-SC3800P	Ni-MH	1.2	3800
RC-NH-SC3300P	Ni-MH	1.2	3300
RC-NH-SC3000P	Ni-MH	1.2	3000
RC-NH-SC2400P	Ni-MH	1.2	2400





# Ni-MH / Ni-Cd Standard

Suitable for Toy Cars, Boats, Electric Guns, Radio Control Planes and other Vehicles

We have one of the most extensive selections of single cell batteries for a broad range of toy vehicles and gadgets.

- High Moving Power Voltage
- High Punch Power and Capacity
- Long Cycle Life
- Unique, Tough Construction  
High performance without leakage or deformation
- Multiple Compatible Designs
- Custom Design Per Customer Requirements
- Low Internal Impedance & Low Self-Discharge



Planes			
Common Picks: Single Cell			
Model Size	Chemistry	Voltage (V)	Capacity (mAh)
RC-NC-AA	Ni-Cd	1.2	600/800/900/1000
RC-NC-SC	Ni-Cd	1.2	2000
RC-NH-1/2AAA	Ni-MH	1.2	120
RC-NH-2/3AAA	Ni-MH	1.2	250/300
RC-NH-AA	Ni-MH	1.2	1100/1800/2000
RC-NH-2/3A	Ni-MH	1.2	1100/1300
RC-NH-2/3SC	Ni-MH	1.2	1200
RC-NH-4/5SC	Ni-MH	1.2	2200
RC-NH-SC	Ni-MH	1.2	2200/3000/3300 3600/4000/4300

Electric Guns			
Common Picks: Single Cell			
Model Size	Chemistry	Voltage (V)	Capacity (mAh)
RC-NC-SC	Ni-Cd	1.2	2000
RC-NH-AA	Ni-MH	1.2	1800/2000
RC-NH-2/3A	Ni-MH	1.2	1100/1200
RC-NH-2/3SC	Ni-MH	1.2	1200
RC-NH-4/5SC	Ni-MH	1.2	1200/1800/2200
RC-NH-SC	Ni-MH	1.2	2200/3000/3300 3600/4000/4300

Mini Racing Cars			
Common Picks: Single Cell			
Model Size	Chemistry	Voltage (V)	Capacity (mAh)
RC-NC-AA	Ni-Cd	1.2	600/800
RC-NC-SC	Ni-Cd	1.2	1800
RC-NH-AA	Ni-MH	1.2	1800/2000
RC-NH-SC	Ni-MH	1.2	2000/2400/3000 3300/ 600/4000/4300

**Primary Batteries**

**Digi Alkaline**



Camelion Battery Size	AA	AAA
Voltage	1.5V	1.5V

**Plus Alkaline**



Camelion Battery Size	D	C	9V	AA	AAA
Voltage	1.5V	1.5V	9V	1.5V	1.5V

**Ni-MH Batteries**

**Rechargeable Ni-MH**



Camelion Battery Size	AA	AAA
Voltage	1.2V	1.2V
Capacity	2700	1100
	2600	1000
	2500	900
	2300	800
	2200	600
	2000	
	1800	
1500		

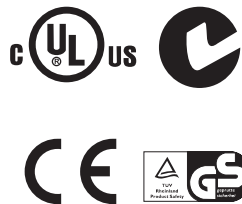
# Battery Stick Pack Chargers

Racing Car, Toy Car, Plane Flight, Electric Gun Ready!

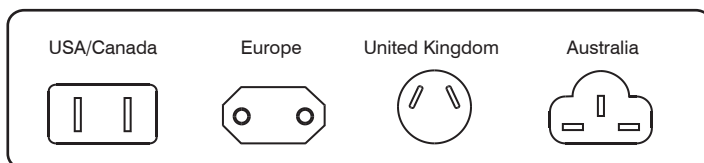
You need batteries that you can use again and again to the same high standards. Camelion chargers are

Safe, Reliable construction Helps avoid battery leakage and explosions.

Fast As fast as 2 Hours



**Input**  
 100V/60Hz    120V/60Hz    230V/50Hz  
 110V/60Hz    220V/50Hz    240V/50Hz



Model Size	Output	Battery Model	Charging Time(approx)
RC901	6VDC/150mA	RC901A	5 hours
		RC901B	6 hours
		RC901C	7 hours
		RC901D	15 hours
RC904	9VDC/400mA	RC904A	2 hours
		RC904B	2.3 hours
		RC904C	2.6 hours
		RC904D	5.8 hours
RC905	9VDC/550mA	RC905A	3.5 hours
		RC905B	4.3 hours
		RC905C	4.7 hours
		RC905D	5.6 hours
		RC905E	7.0 hours
		RC905F	7.0 hours
		RC905G	7.8hours
		RC905H	9.5 hours
		RC905K	8.5 hours
		RC905L	10.2 hours
		RC905T	10.9 hours
		RC908	11VDC/400mA
RC908B	2.2 hours		
RC908C	2.6 hours		
RC908E	6.5 hours		
RC921	9VDC/550mA	RC921A	3.3 hours
		RC921B	4.0 hours
RC922	9VDC/550mA	RC922A	2.6 hours
RC923	11VDC/400mA	RC923A	5.4 hours
RC924	11VDC/400mA	RC924A	3.6 hours
RC941	9VDC/550mA	RC941A	2.4 hours
RC942	11VDC/400mA	RC942A	3.3 hours
RC943	9VDC/550mA	RC943A	2.4 hours



# Stick Packs

Camelion Model	Voltage(V)	Capacity(mAh)	Configuration and Description	High Current (mA)	Discharge Rate	
<b>Professional</b>			<b>Great for Hobby Toys</b>			
	RC-905T	7.2	4600	6NH-SC4600PSK2	46000	10.0C
	RC-905L	7.2	4300	6NH-SC4300PSK2	43000	10.0C
	RC-905H	7.2	4000	6NH-SC4000PSK2	40000	10.0C
	RC-905P	7.2	3800	6NH-SC3800PSK2	38000	10.0C
	RC-905G	7.2	3300	6NH-SC3300PSK2	33000	10.0C
	RC-905F	7.2	3000	6NH-SC3000PSK2	30000	10.0C
	RC-905N	7.2	2400	6NH-SC2400PSK2	24000	10.0C
<b>Standard</b>			<b>For Radio Controlled Toy Cars</b>			
	RC901A	4.8	600	4NC-AA600BK2	3000	5.0C
	RC901B	4.8	700	4NC-AA700BK2	3500	5.0C
	RC901C	4.8	800	4NC-AA800BK2	4000	5.0C
	RC901D	4.8	1800	4NC-AA1800BK2	9000	5.0C
	RC903A	6.0	600	5NC-AA600B	3000	5.0C
	RC903B	6.0	700	5NC-AA700B	3500	5.0C
	RC903C	6.0	800	5NC-AA800B	4000	5.0C
	RC903D	6.0	1800	5NH-AA1800B	9000	5.0C
	RC905B	7.2	1800	6NC-SC1800SK2	9000	5.0C
	RC905C	7.2	2000	6NH-SC2000SK2	10000	5.0C
	RC905D	7.2	2400	6NH-SC2400SK2	12000	5.0C
	RC905E	7.2	3000	6NH-SC3000SK2	15000	5.0C
	RC905J	7.2	3600	6NH-SC3600SK2	18000	5.0C
	RC905K	7.2	4000	6NH-SC4000SK2	20000	5.0C
	RC908A	9.6	600	8NC-AA600SK2	3000	5.0C
	RC908B	9.6	700	8NC-AA700SK2	3500	5.0C
	RC908C	9.6	800	8NC-AA800SK2	4000	5.0C
	RC908D	9.6	1800	8NC-AA1800SK2	9000	5.0C
	RC908E	9.6	2000	8NC-AA2000SK2	10000	5.0C
<b>Standard</b>			<b>For Electric Guns</b>			
	RC921A	8.4	1500	7NC-SC1500MK2	1500	5.0C
	RC921B	8.4	1800	7NC-SC1800MK2	1800	5.0C
	RC922A	8.4	1200	7NH-4/5SC1200MK2	1200	5.0C
	RC923A	8.4	1100	7NH-2/3AF1100AK2	1100	5.0C
	RC924A	9.6	1800	8NH-4/5SC1800SK2	1800	5.0C
	RC925A	9.6	1200	8NH-2/3AF1200SK2	1200	5.0C
<b>Standard</b>			<b>For Toy Planes</b>			
	RC941A	4.8	600	7NH-2/3AF1100TK2	1100	5.0C
	RC942A	4.8	700	8NH-AA1100YK2	1100	5.0C
	RC943A	4.8	800	6NH-1/2AF1100YK2	1100	5.0C
	RC944A	4.8	1800	7NH-1/2AAA140TMJ4	140	5.0C
	RC944B	4.8	230	7NH-1/2AAA230TMJ4	230	5.0C

# Single Cell

Camelion Model	Chemistry	Voltage (V)	Capacity (mAh)	Nominal Dimension		Average Weight (g)	Quick Charge			High Current (mAh)	Discharge Rate	
				Dia (mm)	Ht (mm)		Current (mA)	C Rate	Time (hr)			
<b>Professional</b>							<b>Great for Hobby Toys</b>					
	RC-NH-SC4600P	Ni-MH	1.2	4600	22.0± 0.5	43.5± 0.5	74	4600	1.0C	1.2	46000	10.0C
	RC-NH-SC4300P	Ni-MH	1.2	4300	22.0± 0.5	43.5± 0.5	72	4300	1.0C	1.2	43000	10.0C
	RC-NH-SC4000P	Ni-MH	1.2	4000	22.0± 0.5	43.5± 0.5	70	4000	1.0C	1.2	40000	10.0C
	RC-NH-SC3800P	Ni-MH	1.2	3800	22.0± 0.5	43.5± 0.5	67	3800	1.0C	1.2	38000	10.0C
	RC-NH-SC3300P	Ni-MH	1.2	3300	22.0± 0.5	42.5± 0.5	62	3300	1.0C	1.2	33000	10.0C
	RC-NH-SC3000P	Ni-MH	1.2	3000	22.0± 0.5	42.5± 0.5	61	3000	1.0C	1.2	30000	10.0C
	RC-NH-SC2400P	Ni-MH	1.2	2400	22.0± 0.5	42.5± 0.5	50	2400	1.0C	1.2	24000	10.0C
<b>Standard</b>												
	RC-NC-AA600	Ni-Cd	1.2	600	14.0± 0.5	49.0± 0.5	21	600	1.0C	1.2	3000	5.0C
	RC-NC-AA700	Ni-Cd	1.2	700	14.0± 0.5	49.0± 0.5	22	700	1.0C	1.2	3500	5.0C
	RC-NC-AA800	Ni-Cd	1.2	800	14.0± 0.5	49.0± 0.5	23	800	1.0C	1.2	4000	5.0C
	RC-NC-AA1000	Ni-Cd	1.2	1000	14.0± 0.5	49.0± 0.5	25	1000	1.0C	1.2	5000	5.0C
	RC-NC-AA1300	Ni-Cd	1.2	1300	22.0± 0.5	42.5± 0.5	44	1300	1.0C	1.2	6500	5.0C
	RC-NC-AA1600	Ni-Cd	1.2	1600	22.0± 0.5	42.5± 0.5	47	1600	1.0C	1.2	8000	5.0C
	RC-NC-AA2000	Ni-Cd	1.2	2000	22.0± 0.5	42.5± 0.5	53	2000	1.0C	1.2	10000	5.0C
	RC-NH-AA3600	Ni-MH	1.2	3600	22.0± 0.5	43.5± 0.5	67	3600	1.0C	1.2	18000	5.0C
	RC-NH-AA4000	Ni-MH	1.2	4000	22.0± 0.5	43.5± 0.5	70	4000	1.0C	1.2	20000	5.0C
	RC-NH-AA4300	Ni-MH	1.2	4300	22.0± 0.5	43.5± 0.5	70	4300	1.0C	1.2	21500	5.0C
	RC-NH-AAAA320	Ni-MH	1.2	320	8.2± 0.5	41.5± 0.5	7.0	320	1.0C	1.2	960	3.0C
	RC-NH-1/4AAA80	Ni-MH	1.2	80	10.0± 0.5	10.0± 0.5	2.8	640	8.0C	5 min	1360	17.0C
	RC-NH-1/2AAA140	Ni-MH	1.2	140	10.0± 0.5	23.5± 0.5	4.0	140	1.0C	1.2	700	5.0C
	RC-NH-1/3AAA160	Ni-MH	1.2	160	10.0± 0.5	14.5± 0.5	4.0	800	5.0C	12 min	1800	11.0C
	RC-NH-1/2AAA250	Ni-MH	1.2	250	10.0± 0.5	21.5± 0.5	7.0	250	1.0C	1.2	3120	12.0C
	RC-NH-2/3AAA300	Ni-MH	1.2	300	10.0± 0.5	27.5± 0.5	8.0	990	3.3C	18 min	4500	15.0C
	RC-NH-2/3AAA350	Ni-MH	1.2	350	10.0± 0.5	27.5± 0.5	9.5	1050	3.0C	18 min	5950	17.0C
	RC-NH-4/5SC1200	Ni-MH	1.2	1200	22.0± 0.5	32.5± 0.5	31	1200	1.0C	1.2	6000	5.0C
	RC-NH-4/5SC1800	Ni-MH	1.2	1800	22.0± 0.5	32.5± 0.5	42	1800	1.0C	1.2	9000	5.0C
	RC-NH-1/2A1100	Ni-MH	1.2	1100	17.0± 0.5	27.5± 0.5	21	1100	1.0C	1.2	5500	5.0C
	RC-NH-2/3AF1100	Ni-MH	1.2	1100	17.0± 0.5	28.5± 0.5	21.5	1100	1.0C	1.2	5500	5.0C
	RC-NH-2/3AF1200	Ni-MH	1.2	1200	17.0± 0.5	28.5± 0.5	22	1200	1.0C	1.2	6000	5.0C
	RC-NH-4/5AF2000	Ni-MH	1.2	2000	17.0± 0.5	43.5± 0.5	35.5	2000	1.0C	1.2	10000	5.0C
	RC-NH-AA1100	Ni-MH	1.2	1100	14.0± 0.5	48.5± 0.5	24	1100	1.0C	1.2	5500	5.0C
	RC-NH-AA1300	Ni-MH	1.2	1300	14.0± 0.5	48.5± 0.5	26	1300	1.0C	1.2	6500	5.0C
	RC-NH-AA1500	Ni-MH	1.2	1500	14.0± 0.5	48.5± 0.5	26	1500	1.0C	1.2	7500	5.0C
	RC-NH-AA1600	Ni-MH	1.2	1600	14.0± 0.5	48.5± 0.5	26	1600	1.0C	1.2	8000	5.0C
	RC-NH-AA1700	Ni-MH	1.2	1700	14.0± 0.5	48.5± 0.5	27	1700	1.0C	1.2	8500	5.0C
	RC-NH-AA1800	Ni-MH	1.2	1800	14.0± 0.5	48.5± 0.5	27	1800	1.0C	1.2	9000	5.0C
	RC-NH-AA2000	Ni-MH	1.2	2000	14.0± 0.5	50.5± 0.5	30	2000	4.0C	15 min	10000	5.0C
	RC-NH-2/3SC1300	Ni-MH	1.2	1300	22.0± 0.5	27.5± 0.5	32	1300	1.0C	1.2	6500	5.0C
	RC-NH-4/5SC2000	Ni-MH	1.2	2000	22.0± 0.5	33.5± 0.5	43	2000	1.0C	1.2	10000	5.0C
	RC-NH-SC2200	Ni-MH	1.2	2200	22.0± 0.5	42.5± 0.5	55	2200	1.0C	1.2	11000	5.0C
	RC-NH-SC3000	Ni-MH	1.2	3000	22.0± 0.5	42.5± 0.5	61	3000	1.0C	1.2	15000	5.0C
	RC-NH-SC3300	Ni-MH	1.2	3300	22.0± 0.5	42.5± 0.5	62	3300	1.0C	1.2	16500	5.0C

# The Camelion Capacity to Weight Index

## CCW = Capacity/Weight

### Determining The Right Battery For Your Toy

For model vehicle enthusiasts who consider capacity and weight the most important buying factors there is an easy way to determine and compare batteries. In general during the buying decision consider the following:

**Capacity** The higher the capacity the greater the punch and high moving power voltage.

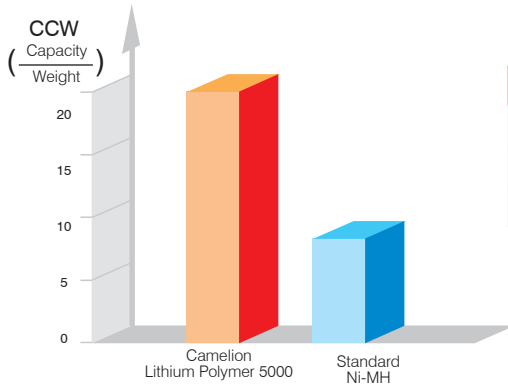
**Weight** The lighter the battery the faster and longer the toy can be operated. This is particularly true for racing cars and planes.

To make your buying decision faster and easier and to help you comparison shop use the optimal ratio of capacity to weight, what we at Camelion call the **Camelion Capacity to Weight** index (CCW).

### CCW = Capacity/Weight

The CCW Index can help toy vehicle enthusiasts select the right battery for their vehicle. The higher the CCW value, the better the performance.

Example:

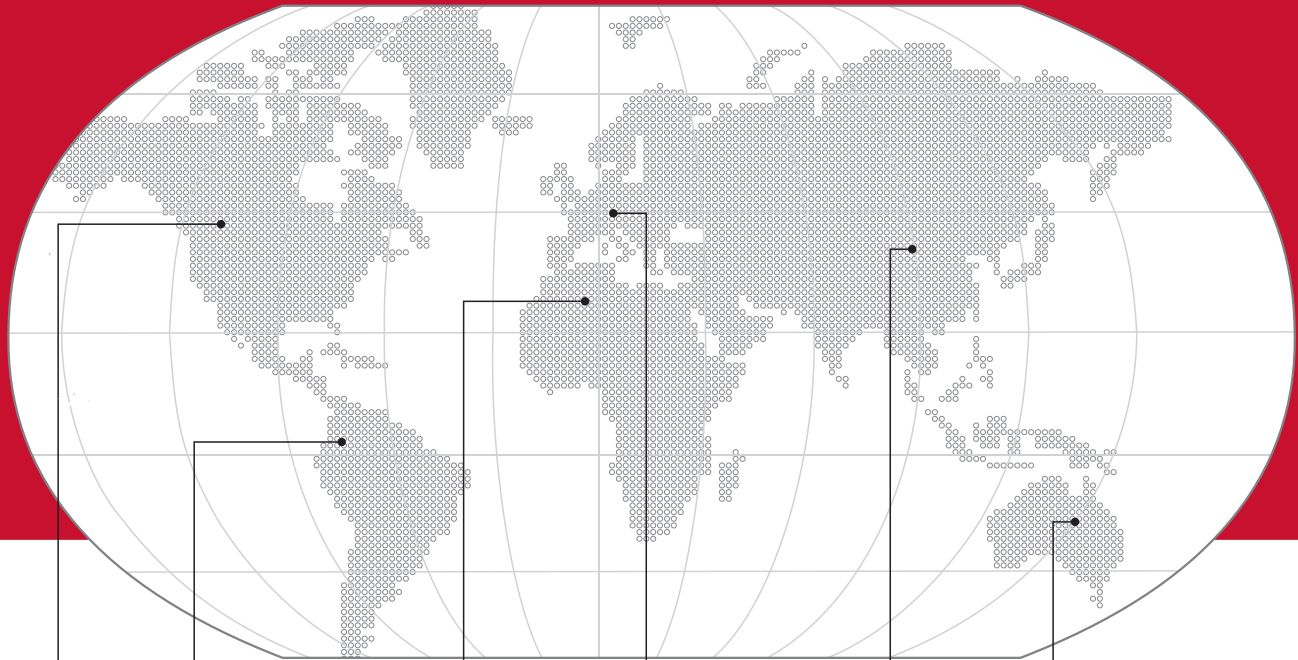


Model	Capacity	Weight	CCW
LiPo 5000	5000	270	19
LiPO 3600	3600	235	15
Ni-MH 4000	4000	415	9.5



# Let Us Offer You More Energy Solutions Today

Camelion has provided consumer friendly solutions for customers worldwide for over 12 years. Our customers have been consistently satisfied with our quality, prices and attention to detail. We offer a broad range of energy solutions. Try us out today.



- North America**
- Canada
  - U. S. A
  - Mexico

- Caribbean/  
Latin America**
- Argentina
  - Aruba
  - Bahamas
  - Barbados
  - Brazil
  - Bolivia
  - Colombia
  - Chile
  - Costa Rica
  - Cuba
  - Dominica
  - Dominican Republic
  - Ecuador
  - EL Salvador
  - Grenada
  - Guatemala
  - Honduras
  - Nicaragua
  - Panama
  - Paraguay
  - Peru
  - Porto Rico
  - Trinidad and Tobago
  - Uruguay
  - Venezuela

- Middle East /Africa**
- Algeria
  - Egypt
  - Iran
  - Israel
  - Kuwait
  - Lebanon
  - Morocco
  - Qatar
  - Saudi Arabia
  - Syria
  - S. Africa
  - U.A.E

- Europe**
- Austria
  - Bulgaria
  - Belgium
  - Czech Republic
  - Croatia
  - Denmark
  - England
  - Estonia
  - Finland
  - France
  - Germany
  - Georgia
  - Greece
  - Hungary
  - Holland
  - Latvia
  - Lithuania
  - Ireland
  - Italy
  - Portugal
  - Poland
  - Romania
  - Sweden
  - Slovakia
  - Slovenia
  - Spain
  - Turkey
  - Yugoslavia
  - Montenegro
  - Serbia

- Asia**
- Azerbaijan
  - Armenia
  - China
  - Hong Kong
  - Indonesia
  - India
  - Korea
  - Kazakhstan
  - Malaysia
  - Pakistan
  - Philippines
  - Russia
  - Singapore
  - Sri Lanka
  - Thailand
  - Vietnam

- Oceania**
- Australia
  - New Zealand

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