



VAPEX TECH

Rechargeable Batteries & Battery Chargers

VAPEX TECH



The Highest Capacity

 VAPEX TECHNOLOGY LIMITED.

VAPEX TECHNOLOGY LIMITED.
Add: Room 1103, 11/F, Hang Seng MongKok Building, 677 Nathan Road, Mongkok, Kowloon Hong Kong
地址: 香港九龍旺角彌敦道677號恒生旺角大廈1103
Tel: +852-2789 8737 Fax: +852-3007 2084

www.vapex.com.hk

AAA. AA. C. D. PP3. M Series

NiMH Consumer Batteries & Battery Chargers

4VTE2900AA 4VTE1100AAA

Main Features:

- 1 High Energy Density
- 2 Long Cycle Life (more than 500 cycles)
- 3 High Drain Performance (up to 3C)
- 4 Fast Charge Performance (up to 2C- for AA & AAA)
- 5 Absolutely no Memory Effect
- 6 Safety (Resealing Safety Vent)



AA Series (HR06-Mignon-UM3)

Special Features	VTE2900AA	VTE2700AA	VTE2600AA	VTE2500AA	VTE2300AA	VTE2000AA	Memo
Normal Voltage	1.2 Volts	1.2 Volts	1.2 Volts	1.2 Volts	1.2 Volts	1.2 Volts	
Normal Capacity	2900 mAh	2700 mAh	2600 mAh	2500 mAh	2300 mAh	2000 mAh	discharge at 0.2C
Minimum Capacity	2650 mAh	2500 mAh	2400 mAh	2300 mAh	2150 mAh	2000 mAh	discharge at 0.2C 1.0V end discharge voltage ambient temperature 20°C
Typical Capacity	2700mAh	2550mAh	2450mAh	2350mAh	2200mAh	2050mAh	discharge at 0.2C
Standard charge	290 mA	270 mA	260 mA	250 mA	230 mA	200 mA	15hrs at 20°C
Rapid charge	500mA/7hrs	500mA/6hrs	500mA/5.5hrs	500mA/5hrs	500mA/4.3hrs	500mA/4hrs	for empty battery
Quick charge	700mA/5.5hrs	700mA/4.5hrs	700mA/4hrs	700mA/3.5hrs	700mA/3.1hrs	700mA/2.5hrs	
Fast charge	4000mA/44mins	4000mA/40mins	4000mA/38mins	4000mA/36mins	4000mA/32mins	4000mA/28mins	for empty battery
Max. Charge	up to 4000mA	up to 4000mA	up to 4000mA	up to 4000mA	up to 4000mA	up to 4000mA	
Max. Discharge	up to 3C	up to 3C	up to 3C	up to 3C	up to 3C	up to 3C	
Average Weight	32.5	31.5	31g	30g	29g	28g	
Internal Resistance	23 Ohms	23 Ohms	23 Ohms	23 Ohms	23 Ohms	23 Ohms	at 1000Hz (Ave.) battery fully charged
Cycle Life	up to 1,000 times						IEC 61951-2 standard
Ambient temperature	0~45°C						standard charge
Range	10~45°C						fast charge
	-20~50°C						disc
	-10~45°C						storage less than 3 months
Warranty	-10~35°C						storage less than 1 year
Warranty	2 years						



AAA Series (HR03-Micro-UM4)

Special Features	VTE1100AAA	VTE1000AAA	VTE900AAA	VTE800AAA	Memo
Normal Voltage	1.2 Volts	1.2 Volts	1.2 Volts	1.2 Volts	
Normal Capacity	1100 mAh	1000 mAh	900 mAh	800 mAh	discharge at 0.2C
Minimum Capacity	950 mAh	900 mAh	850 mAh	800 mAh	discharge at 0.2C 1.0V end discharge voltage ambient temperature 20°C
Typical Capacity	980 mAh	920mAh	865mAh	820mAh	discharge at 0.2C
Standard charge	95 mAh	90 mA	85 mA	80 mA	15hrs at 20°C
Quick charge	500 mA/2hrs	500 mA/1.8hrs	500 mA/1.7hrs	500 mA/1.6hrs	for empty battery
Max. Charge	up to 1700mA	up to 1700mA	up to 1700mA	up to 1700mA	
Max. Discharge	up to 2C	up to 2C	up to 2C	up to 2C	
Average Weight	14.0g	13.5g	13g	12.5g	
Internal Resistance	30 mOhms	30 mOhms	30 mOhms	30 mOhms	at 1000Hz(Ave.) battery fully charged
Cycle Life	up to 1,000 times				IEC 61951-2 standard
Ambient temperature	0~45°C				standard charge
Range	10~45°C				fast charge
	-20~50°C				discharge
	-10~45°C				storage less than 3 months
Warranty	-10~35°C				storage less than 1 year
Warranty	2 years				



1VTE5000C

1VTE10000D

1VTE280PP3

1VTE1450M



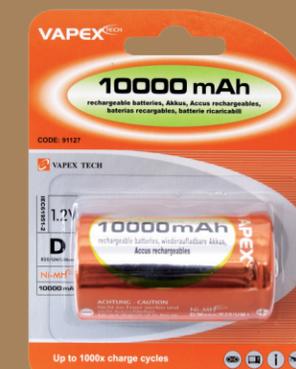
Special Features:

Normal Voltage	1.2 Volts	Memo
Normal Capacity	5000 mAh	discharge at 0.2C
Minimum Capacity	4500 mAh	discharge at 0.2C
		1.0V end discharge voltage ambient temperature 20°C
Typical Capacity	4800mAh	discharge at 0.2C
Standard charge	500 mA	15hrs at 20°C
Quick charge	1500 mA	8hrs for empty battery
Average Weight	85g	
Internal Resistance	6 mOhms	at 1000Hz (Ave.) battery fully charged
Cycle Life	up to 1,000 times	IEC 61951-2 standard
Ambient temperature	0~45°C	standard charge
Range	10~45°C	fast charge
	-20~50°C	discharge
	-10~45°C	storage less than 3 months
	-10~35°C	storage less than 1 year
Warranty	2 years	

Main Features:

- 1 Rechargeable Ni-MH 1.2V C-R14-Baby-UM2 5000mAh
- 2 High Energy Density
- 3 Long Cycle Life (more than 500 cycles)
- 4 High Drain Performance (up to 3C)
- 5 Fast Charges Performance (up to 1C charge)
- 6 Absolutely no Memory Effect
- 7 Safety (Resealing Safety Vent)
- 8 High Shelf Life (80% initial capacity storage for 2 year)
- 9 Good Application Performance

VTE5000C (C-R14-Baby-UM2)



Special Features:

Normal Voltage	1.2 Volts	Memo
Normal Capacity	10000 mAh	discharge at 0.2C
Minimum Capacity	9500 mAh	discharge at 0.2C
		1.0V end discharge voltage ambient temperature 20°C
Typical Capacity	9800mAh	discharge at 0.2C
Standard charge	1000 mA	15hrs at 20°C
Quick charge	2500 mA	8hrs for empty battery
Average Weight	195g	
Internal Resistance	6 mOhm	at 1000Hz (Ave.) battery fully charged
Cycle Life	up to 1,000 times	IEC 61951-2 standard
Ambient temperature	0~45°C	standard charge
Range	10~45°C	fast charge
	-20~50°C	discharge
	-10~45°C	storage less than 3 months
	-10~35°C	storage less than 1 year
Warranty	2 years	

Main Features:

- 1 Rechargeable Ni-MH 1.2V D-MONO-R20-UM1 10000mAh
- 2 High Energy Density
- 3 Long Cycle Life (more than 500 cycles)
- 4 High Drain Performance (up to 3C)
- 5 Fast Charges Performance (up to 1C charge)
- 6 Absolutely no Memory Effect
- 7 Safety (Resealing Safety Vent)
- 8 High Shelf Life (80% initial capacity storage for 2 year)
- 9 Good Application Performance

VTE10000D (D-R20-Mono-UM1)



Special Features:

Normal Voltage	8.4 Volts	Memo
Normal Capacity	280 mAh	discharge at 0.2C
Minimum Capacity	280 mAh	discharge at 0.2C
		1.0V end discharge voltage ambient temperature 20°C
Typical Capacity	300mAh	discharge at 0.2C
Standard charge	28 mA	15hrs at 20°C
Quick charge	56 mA 5hrs	foremptybattery
Average Weight	57g	
Internal Resistance	280 mOhms	at 1000Hz(Ave.) battery fully charged
Cycle Life	up to 1,000 times	IEC 61951-2 standard
Ambient temperature	0~45°C	standard charge
Range	10~45°C	fast charge
	-20~50°C	discharge
	-10~45°C	storage less than 3 months
	-10~35°C	storage less than 1 year
Warranty	2 years	

Key Specifications:

- Environment friendly
- High Capacity
- High energy density
- Absolutely no memory effect
- Resealing safety vent

VTE280PP3 (9V-Block-6F22)



Special Features:

Normal Voltage	8.4 Volts	Memo
Normal Capacity	280 mAh	discharge at 0.2C
Minimum Capacity	280 mAh	discharge at 0.2C
		1.0V end discharge voltage ambient temperature 20°C
Typical Capacity	300mAh	discharge at 0.2C
Standard charge	28 mA	15hrs at 20°C
Quick charge	56 mA 5hrs	foremptybattery
Average Weight	57g	
Internal Resistance	280 mOhms	at 1000Hz(Ave.) battery fully charged
Cycle Life	up to 1,000 times	IEC 61951-2 standard
Ambient temperature	0~45°C	standard charge
Range	10~45°C	fast charge
	-20~50°C	discharge
	-10~45°C	storage less than 3 months
	-10~35°C	storage less than 1 year
Warranty	2 years	

Key Specifications:

- Environment friendly
- High Capacity
- High energy density
- Absolutely no memory effect
- Resealing safety vent

VTE1450M (NiMH M)

More & Accessories

NiMH Consumer Batteries & Battery Chargers

Main Features:

- 1 High Energy Density
- 2 Long Cycle Life (more than 500 cycles)
- 3 High Drain Performance (up to 3C)
- 4 Fast Charge Performance (up to 2C- for AA & AAA)
- 5 Absolutely no Memory Effect
- 6 Safety (Resealing Safety Vent)



2VTE1100AAA



4VTE1000AAA



VTE220PP3



4VTE900AAA



4VTE2700AALED & Key Chain LED Light



4VTE2700AABT & BT-2



4VTE2500AA



4VTE2300AA



4in850AAA



4in2100AA



2VTE2900AA



4VTE2700AA

Compass Led Light



Key Chain Led Light



Dynamic Earphones



AA-C Adaptor



2AA-D Adaptor



Battery Storage Cases



BT-2 Battery Tester (AA, AAA)



BT-0501 Battery Tester (AAA, AA, C, D, PP3)



Battery Chargers

NiMH Consumer Batteries & Battery Chargers

VTE4000 30 minutes--Worldwide Use--U-Smart Charger Charges For AA and AAA



interchangeable plugs

Car Cord included



Your AA/AAA Battery Charger is designed to charge VapexTech NiMH rechargeable REGULAR batteries rated to 2900mAh(AA) or 1100mAh (AAA). The batteries will be fully-charged by Microprocessor-Control System in 30 MINUTES for AA/AAA batteries. You can charge 1/2/3/4 AA/AAA NiMH batteries simultaneously.

This charger is designed to charge Nickel-Metal- Hydride AA, AAA size rechargeable batteries. Please note that this charger must not be used for Alkaline, Carbon Zinc, Lithium or any kind of battery other than Nickel Metal Hydride.

Features:

1. Recharges 1 piece to 4 pieces of AA & AAA Ni-MH batteries at a time.
2. Powered by the supplied AC Adaptor when using at home or by the supplied DC Car Adaptor when using in a vehicle.
3. BS(UK) & VDE(EU) interchangeable plugs can be added on the US plug
4. Microprocessor Controlled - Batteries life well protected by -dV detection and timer protection.
5. Automatic charging current selection for size AA and AAA.
6. LED display for rapid charge/trickle charge/bad cell detection
Red LED - rapid charge ; Green LED - trickle charge ;
Flashing Red LED - Cells are not suitable for charging i.e. Short circuit or wrong polarity.

Safety features:

1. -dV cut-off function
2. Safety timer to prevent over charge
3. Thermal cut off
4. Reverse-polarity protection
5. Bad cell Detection

Bad Cell Detection:

When charge process is started, the charger detects the health status of each of the cells in the battery compartment. If any battery is unsuitable for charging the status LED will flash.

Specifications:

Power supply :	100-240VAC, 50/60 Hz, International Compatible
Charge rate :	AA size-4A, AAA size-1.7A

Charging time:

NiMH Battery	By Timer	Charging Current
AA2000mAh	30minutes	4000mA
AA2100mAh	32minutes	
AA2200mAh	33minutes	
AA2300mAh	35minutes	
AA2400mAh	36minutes	
AA2500mAh	38minutes	
AA2700mAh	41minutes	1700mA
AA2900mAh	44minutes	
AAA600mAh	25minutes	
AAA700mAh	29minutes	
AAA800mAh	32minutes	
AAA900mAh	34minutes	
AAA1000mAh	38minutes	
AAA1100mAh	42minutes	

*Charge time will vary depending upon the brand, capacity and condition of batteries being charged.

Ultra Fast

VTE2000 1 hour LCD Ultra Fast Charger Charges For AA and AAA

LCD, Super fast

Features :

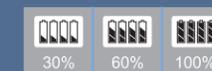
1. Recharges 1 piece to 4 pieces of AA & AAA Ni-MH batteries at a time.
2. Powered by Plug-In 100~240V, 50~60Hz AC Power supply which can be used worldwide.
3. Smart 12 bits Microprocessor Controlled to increase rechargeable battery lifespan
4. Detect by +ΔV, -ΔV, 0ΔV charging curve for 100% fully charge.
5. Automatic charging current selection for size AA and AAA.
6. Channel-independent temperature control and voltage monitor for safe charging.
7. Overtime, overload, overheat, over voltage protection
8. Non-rechargeable battery detection
9. Automatic trickle charge after full charge, CURRENT-50mA

LCD Indicator:

Large size LCD display for charging status
Charging: Empty battery icon with amber backlight ;
Full charge: Full battery icon ;
Wrong battery: Flashing full battery icon

Charging time:

AA 2700mAh	Charging Time	Charging Current
1pcs	1.4hour	2000mA
2pcs	2.8hours	1100mA
3pcs	3.8hours	800mA
4pcs	4.8hours	500mA



AAA 1100mAh	Charging Time	Charging Current
1pcs	1hours	1100mA
2pcs	2hours	600mA
3pcs	3hours	450mA
4pcs	4hours	300mA

Input Plug



VTE1200 2 hours LCD Super Fast Charger Charges For AA and AAA

Features:

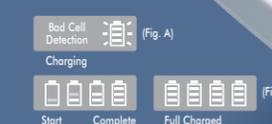
1. Specially designed with Electric blue LCD display to indicate the charging status..
2. Recharges 2 piece or 4 pieces high capacity of AA or AAA Ni-MH batteries at a time.
3. Powered by the supplied Switching mode AC Adaptor when using at indoor or by the supplied DC Car Adaptor when using in a vehicle.
4. Microprocessor Controlled - Batteries life well protected by negative delta V cut-off function and timer protection.
5. Unique design with an adjustable battery contact plate that makes a good & solid contact with AA & AAA batteries.
6. Easy Check of the battery status by LCD Display.

Safety features:

1. Negative delta V cut -off function
2. Safety timer to prevent over charge
3. Short circuit protection
4. Reverse-polarity protection
5. Bad cell Detection

Charging time:

Charging Current	NiMH AA	Charging time (FOR 2pcs)	Charging time (FOR 4pcs)
1150mA for charging 2 PCS batteries OR 800mA for Charging 4 PCS batteries	2000mAh	90 minutes	135 minutes
	2300mAh	110 minutes	165 minutes
	2700mAh	130 minutes	195 minutes
	2900mAh	140 minutes	210 minutes



Charging Current	NiMH AAA	Charging time (FOR 2pcs)	Charging time (FOR 4pcs)
600mA for charging 2 PCS batteries OR 420mA for Charging 4 PCS batteries	800mAh	80 minutes	110 minutes
	900mAh	90 minutes	120 minutes
	1000mAh	100 minutes	130 minutes
	1100mAh	110 minutes	140 minutes

Battery Chargers

NiMH Consumer Batteries & Battery Chargers

VTE1200USB 2 hours - Slim Travel Plug-in Charger-Manual (USB Version)

Features:

1. Recharge 2 or 4 pieces of AA or AAA Ni-MH batteries at a time.
2. Built-in switching power technology for worldwide (100-240V AC) use
3. Microprocessor Controlled - Batteries life well protected by negative delta V cut-off function and timer protection.
4. Automatic charging current selection for AA & AAA batteries.
5. Equipped with 2 LED lamps to indicate charging mode:
 - A). Red LED light on - Quick charge;
 - B). Flashing Red LED - Alkaline or bad cell detection;
 - C). Red LED off - Charge is completed;
 - D). Green LED light on - USB port is ready for use.

Safety Features:

1. Negative delta V cut -off function
2. Safety timer to prevent over charge
3. Reverse-polarity protection
4. Bad cell Detection

Charging time

Type	Capacity	Charging time
AA	1800-2000 mAh	3 - 3.5 hours
	2100-2300 mAh	3.5 - 4 hours
	2500-2900mAh	4.5 - 5 hours
AAA	700-800 mAh	2 - 2.5 hours
	900-1100 mAh	3 - 3.5 hours

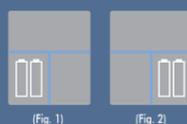


X-Fast



Charging Instructions

Insert 2 or 4 pieces of AA/AAA rechargeable Ni-MH batteries into the battery compartment; batteries must be charged in pairs. For charging only 2 cells, insert the batteries to the left or right side of the charging terminal (Fig. 1) & (Fig.2)



VTE700 X-Fast Charger Charges For AA and AAA

Features:

1. Recharges 2 pieces or 4 pieces of AA & AAA Ni-MH/Ni-Cd batteries at a time.
2. Powered by AC Adaptor when using at home/Office or by DC Car Adaptor when using in a vehicle.
3. Batteries life well protected by -dV detection and timer protection.
4. Automatic charging current selection for size AA and AAA.
5. LED display for rapid charge/trickle charge/bad cell detection
 - Red LED - rapid charge
 - Green LED - trickle charge
 - Flashing Red LED - Cells are not suitable for charging.

Safety features:

1. -dV cut-off function
2. Safety timer to prevent over charge



Charging time:

AA Battery	By Timer	Charging Current
Ni-Cd800mAh	1.2hour	700mA
NiMH2000mAh	3hours	
NiMH2500mAh	3.7hours	
NiMH2700mAh	4hours	
AAA Battery	By Timer	Charging Current
Ni-Cd220mAh	0.8hours	300mA
NiMH650mAh	2hours	
NiMH900mAh	3hours	
NiMH1100mAh	4hours	

VTE350 TIMER Controlled Multi-Rapid Charger Charges For AA AAA and BLOCK

Features:

1. Recharge Ni-MH/Ni-Cd batteries 2 or 4 pieces of AA/AAA, and 1 to 2 packs of 9V at a time
2. For Nickel-Cadmium batteries set the switch to "NiCd" position. For Nickel-Metal Hydride batteries set the switch to "NiMH" position. Ni-Cd 3 hours, Ni-MH 6~8 hours for AA/AAA, 10~24 hours for PP3.
3. Automatic Charging current for AA, AAA & 9V batteries
4. Installed with LED lamp indication proper charging
5. LED signal for the charging status:
 - AA/AAA. LED Red: Charging LED Green: Full (Trickle charging)
6. When 9V cells are placed in the charger, one red LED (at the middle of the charger) will on. After the proper charge time is reached (10-15 hours by manual) the red LED will continue to glow.

Charging time

AA-MIGNON-R06	TIME
Ni-Cd 600~800 mAh	3 hours (timer control)
Ni-MH 1300~1400 mAh	6 hours (manual)
Ni-MH 1500~1700 mAh	7 hours (manual)
Ni-MH 1800~2900 mAh	8 hours(timer control)
AAA-MICRO-R03	TIME
Ni-Cd 220~300 mAh	3 hours (timer control)
Ni-MH 500~600 mAh	6 hours (manual)
Ni-MH 650~700 mAh	7 hours (manual)
Ni-MH 750~1100 mAh	8 hours (timer control)

BLOCK (9V)	TIME
PP3 110mAh	10 hours
PP3 150~170mAh	15 hours
PP3 180~220mAh	19 hours
PP3 250~280mAh	24 hours



Multi

VTE200 Multi Charger Charges For AA AAA and BLOCK

Features:

1. Recharge Ni-MH/Ni-Cd batteries 2 or 4 pieces of AA/AAA, and 1 to 2 packs of 9V at a time.
2. Charging time: Ni-Cd 5~7 hours, Ni-MH 10~15 hours.
3. Automatic Charging current for AA, AAA & 9V batteries.
4. Installed with LED lamp indication proper charging.
5. LED signal for the charging status: LED Red: Charging.

Charging time

AA-MIGNON-R06	TIME
Ni-Cd 600~800 mAh	5~6 hours
Ni-MH 1100~1300 mAh	9~11 hours
Ni-MH 1400~1600 mAh	11~13 hours
Ni-MH 1800~2900 mAh	15~21 hours
AAA-MICRO-R03	TIME
Ni-Cd 180~240 mAh	4~5 hours
Ni-MH 500~650 mAh	11~15 hours
Ni-MH 700~1100 mAh	16~21 hours
BLOCK (9V)	TIME
PP3 150~160 mAh	13~14 hours
PP3 200 mAh	17 hours
PP3 250 mAh	22 hours
PP3 280 mAh	24 hours



Input Plug



Battery Chargers

NiMH Consumer Batteries & Battery Chargers

VTE300 **TIMER Controlled Mini-Rapid Charger** Charges For 4 AA or AAA

Features:

1. Recharge Ni-MH/Ni-Cd batteries 2 or 4 pieces of AA/AAA.
2. Charging time: Ni-Cd 4~6 hours, Ni-MH 6~12 hours.
3. Automatic Charging current for AA, AAA batteries.
4. Installed with LED lamp indication proper charging.
5. LED signal for the charging status: LED Red: Charging.
6. After approximately 12 hours charging, the charger will switch to trickle charge and the LED will switch off.

Charging time

AA-MIGNON-R06	BY MANUAL	AAA-MICRO-R03	BY MANUAL
Ni-Cd 700~800 mAh	3 hours	Ni-Cd 240~300 mAh	3 hours
Ni-MH 1400~1600 mAh	6 hours	Ni-MH 450~550 mAh	6 hours
Ni-MH 1700~1900 mAh	8 hours	Ni-MH 600~700 mAh	8 hours
Ni-MH 2000~2200 mAh	10 hours	Ni-MH 750~850 mAh	10 hours
Ni-MH 2300~2900 mAh	12 hours	Ni-MH 900~1100 mAh	12 hours



Slim & Auto



Super Slim

VTE180 **Ultra-Slim Two Individual Channel** Charges For AA and AAA

Features:

1. Recharge Ni-MH/Ni-Cd batteries 1/2 pieces of AA/AAA.
2. Charging time: Ni-Cd 5~7 hours, Ni-MH 10~22 hours.
3. Automatic Charging current for AA, AAA batteries.
4. Installed with LED lamp indication proper charging.
5. LED signal for the charging status: LED Red: Charging.

Charging time

AA-MIGNON-R06	BY MANUAL	AAA-MICRO-R03	BY MANUAL
Ni-Cd 600~800 mAh	5~7 hours	Ni-Cd 240~300 mAh	4.5~6 hours
AA 1300~1500 mAh	10~12 hours	AAA 500~600mAh	9~11 hours
Ni-MH 1600~1800 mAh	12~14 hours	Ni-MH 600~750 mAh	11~13.5 hours
Ni-MH 1800~2300 mAh	14~18 hours	Ni-MH 750~900 mAh	13.5~15 hours
Ni-MH 2300~2900 mAh	18~22 hours	Ni-MH 1000~1100 mAh	16~17 hours



Super Slim



VTE900C **12V Car Charging Function** Charges For AA and AAA

Features:

1. Recharges 2 pieces of AA or AAA Ni-MH/Ni-Cd batteries at a time.
 2. 12V car charging function.
 3. Microprocessor Controlled - Batteries life well protected by negative delta V cut-off function and timer protection.
 4. Temperature sensors to avoid the battery from being damaged by over-heating
 5. LED display for rapid charge/trickle charge/bad cell detection
- Red LED - rapid charge ; Green LED - trickle charge ; Flashing Red LED - Cells are not suitable for charging.

Charging time

AA-MIGNON-R06	BY MANUAL	AAA-MICRO-R03	BY MANUAL
AA 1500 mAh	115 minutes	AAA 550mAh	85 minutes
AA 1800 mAh	130 minutes	AAA 750mAh	105 minutes
AA 2200 mAh	150 minutes	AAA 900mAh	120 minutes
AA 2500 mAh	165 minutes	AAA 1000mAh	130 minutes
AA 2900 mAh	180 minutes	AAA 1100mAh	140 minutes



VTE-Universal LCD **Super Universal Smart LCD Charger**

Features:

1. Specially designed with LCD Battery Indicator & discharge function.
2. Discharge Function reduces memory effect and enables full discharge for longer battery life cycle.
3. For Using in Indoor: Powered by the supplied switch-mode adaptor (100-240V AC) for worldwide use.
4. Recharges 1 piece to 4 pieces of AA/AAA/C/D Ni-MH batteries and 1 to 2 pieces of 9V cells (Ni-MH) at a time.
5. 4 individual charging channels for AA/AAA/C/D and 2 individual charging channels for 9V cells.
6. Intelligent Microprocessor Controlled - Batteries life well protected by negative delta V cut-off function and timer protection.
7. Defective and Non-rechargeable battery detection.

Charging time

Input	DC 12V 1000mA USE WITH AN EXTERNAL ADAPTOR	
Charge current	Ni-MH	Charging Time
AAA size : 500mA	AAA 1000mAh	2 hours
AA size : 1300mA	AA 2500mAh	2 hours
	C 2800mAh	2.25 hours
C size : 1300mA	C 4500mAh	4 hours
	D 2800mAh	2.25 hours
D size : 1300mA	D 9000mAh	9 hours
Discharge current: AA, AAA, C, D	400 mA	
Detect Method	-ΔV auto cut-off for AAA, AA, C, D size batteries	
Charging current for 9V	30mA	
Charging time	10 hrs by timer controlled	
For battery Type	AAA 500-1100mAh	AA 1300-2900mAh
	C 1300-5000mAh	D 1300-10000mAh
	9V 100-280mAh	

8. Automatic charging current selection fro AA/AAA/C/D/9V batteries.
9. Built-in 5V USB output port (output: 5V DC 500mA) on the back side of the charger, designed to charge and power up your Digital device. *(see USB function)
10. Electric LCD display with Blue color backlight and designed with:
 - Battery Charging Status indication
 - Battery Discharging Status indication
11. A "Backlight button" is designed to turn on the backlight during the night time for 10 secs.



Input Plug



VTE-Universal **Universal Ni-CD & Ni-MH Battery Charger**

Features:

1. LED Charge Indicators: The LED Lights RED during charging and switches off when charging is complete.
2. Reverse Polarity Protects the charger and batteries against damage from incorrectly installed batteries.
3. Built in automatic charging current selection for size AA and AAA.
4. Automatic Timer Shut-off: Turn off the charger to prevent overcharging AA or AAA batteries. Note: If the unit is unplugged or power is interrupted during the charging cycle, the time will start over and run the full charge cycle.

Charging time

AA-MIGNON-R06	TIME
Ni-Cd 750~900 mAh	4 hours
Ni-MH 1600~2900 mAh	8.5 hours
AAA-MICRO-R03	TIME
Ni-Cd 240~300 mAh	4 hours
Ni-MH 550~1100 mAh	8.5 hours
BLOCK (9V)	TIME
Ni-Cd 110 mAh	10 hours
Ni-MH 150~280 mAh	15 hours



C-BABY-CR14	TIME	D-MONO-R20	TIME
Ni-Cd 1400 mAh	4 hours	Ni-Cd 1400 mAh	4 hours
Ni-MH 2300~2800 mAh	8.5 hours	Ni-MH 2300~2800 mAh	8.5 hours
Ni-MH 4000~5500 mAh	16 hours	Ni-MH5000~10000 mAh	16 hours

*This type of battery need to recharge one more cycle to ensure the battery is fully charged. After 8 hours charging, the red LED will turn off and the trickle charge is on. Unplug and then replug charger for additional 8 hours charging.