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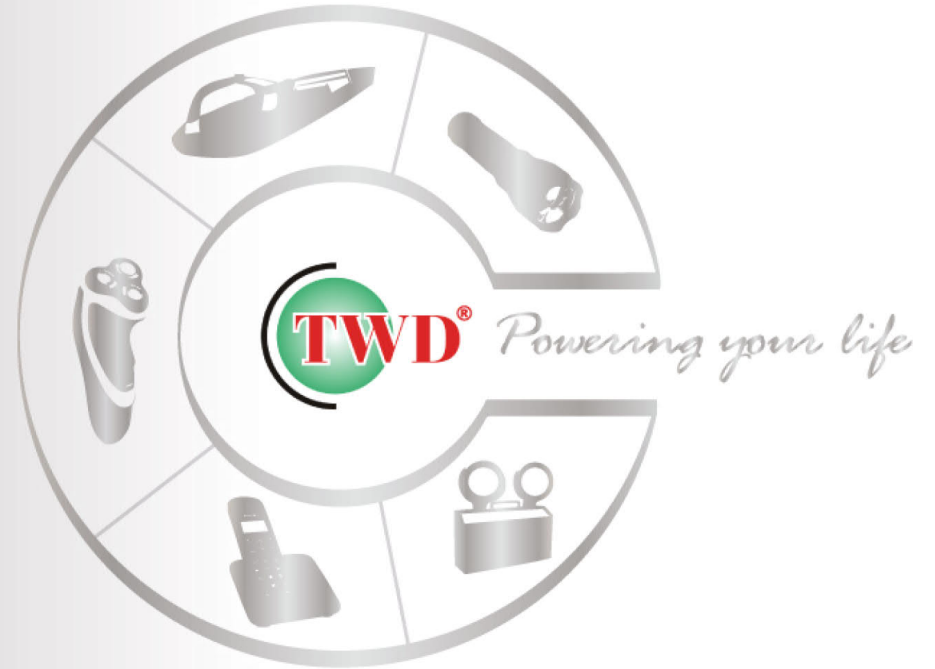


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JIANGMEN TWD TECHNOLOGY CO., LTD.



COMPANY PROFILE

Jiangmen TWD Technology Co., Ltd. (TWD), formerly known as TWD Battery Co., Ltd., was established in 1995. Located in Jiangmen city in Guangdong province of China, it takes 3 hours' drive to Hong Kong, 1.5 hours' drive to Guangzhou Airport, and 2 hour's drive to Shenzhen, enjoying very convenient transportation.

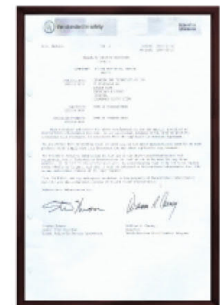
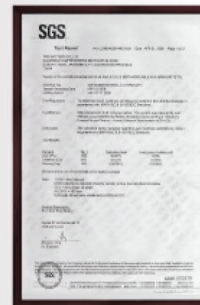
As a leading manufacturer of NiCD and NiMH rechargeable batteries in China, TWD has more than 18 years' experience in research, manufacture and marketing of NiCD, NiMH, Lithium as well as Alkaline batteries. With workshops of 15,000 square meters, 600 employees, as well as comprehensive production equipment, professional testing centers and efficient logistic chains, TWD is able to meet customers' continuously updated requirements. The daily rechargeable batteries output currently reaches 400,000 pieces, including 200,000 pieces NiCD batteries and 200,000 pieces NiMH batteries.

TWD products are mainly distributed to Western Europe, Eastern Europe, North America, Australia, East and Southeast Asia, be popular in a wide range of both industrial and consumer markets such as emergency lighting, exit sign, flashlight, power tool, vacuum cleaner, electric clipper, shaver, interphone, cordless phone, medical instrument and so on.

Obtaining ISO9001, CE, UL, KS, SGS certificates and OVONIC patent, OEM and ODM orders are welcome. TWD sincerely hope to provide a reliable solution for global customers and distributors.



Equipment & Certificates



NICD BATTERY



> Features:

1. Long cycle life: 500 cycles.
2. High efficient charge and discharge: 10C discharge available for high drain battery.
3. Wide operating temperature range: -20°C-70°C.
4. Storage performance: 70% initial capacity after storage at 20±5°C for 1 month.

> Applications:

1. Telecommunication devices: cordless phone, interphone, and fax machine, etc.
2. Audio-visual equipment: camera, camcorders, portable DVD and VCD player, etc.
3. Lighting: Emergency lighting, solar light, searchlight, flashlight, etc.
4. Electric toys: Wireless remote control toy car, models, etc.

Size	Model No.	Rated Capacity (mAh)	Nominal Voltage (V)	Dimensions		Standard Charge		Rapid Charge		Weight Approx. (g)
				Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
AAA	T-AAA300	300	1.2	10.2	44.0	30	16	300	1.3	9.0
	T-2/3AA400	400	1.2	14.1	29.0	40	16	400	1.3	11.0
	T-AA600	600	1.2	14.1	49.0	60	16	600	1.3	16.0
AA	T-AA700	700	1.2	14.1	49.0	70	16	700	1.3	17.5
	T-AA800	800	1.2	14.1	49.0	80	16	800	1.3	18.5
	T-AA900	900	1.2	14.1	49.0	90	16	900	1.3	19.5
	T-AA1000	1000	1.2	14.1	49.0	100	16	500	2.4	20.5
A	T-4/5A1200	1200	1.2	16.7	43.0	120	16	1200	1.2	24.5
SC	T-SC1300	1300	1.2	22.5	42.5	130	16	1300	1.3	37.0
	T-SC1500	1500	1.2	22.5	42.5	150	16	1500	1.3	40.0
	T-SC1800	1800	1.2	22.5	42.5	180	16	900	2.4	44.0
	T-SC2000	2000	1.2	22.5	42.5	200	16	1000	2.4	46.0
C	T-C2200	2200	1.2	25.5	49.0	220	16	1100	2.4	58.0
	T-C2500	2500	1.2	25.5	49.0	250	16	1250	2.4	62.0
D	T-C2800	2800	1.2	25.5	49.0	280	16	1400	2.4	65.0
	T-1/2D2500	2500	1.2	32.5	36.0	250	16	1250	2.4	70.0
	T-D4000	4000	1.2	32.5	60.0	400	16	800	7.0	105.0
D	T-D4500	4500	1.2	32.5	60.0	450	16	900	7.0	112.0
	T-D5000	5000	1.2	32.5	60.0	500	16	1000	7.0	118.0
F	T-F7000	7000	1.2	32.5	90.0	700	16	1400	7.0	165.0

NIMH BATTERY

TWD®



> Features:

1. Long cycle life: 500 cycles.
2. High efficient charge and discharge: 10C discharge available for high drain battery.
3. Wide operating temperature range: -20°C-70°C.
4. Storage performance: 70% initial capacity after storage at 20±5°C for 1 month.
5. Enhanced Safety: safety vent system to release inner pressure under misuse.
6. No memory effect.
7. Environmental-friendly.

Size	Model No.	Rated Capacity (mAh)	Nominal Voltage (V)	Dimensions		Standard Charge		Rapid Charge		Weight Approx. (g)
				Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
AAA	TH-AAA500	500	1.2	10.2	43.0	50	16	500	1.2	10.0
	TH-AAA600	600	1.2	10.2	43.0	60	16	600	1.2	11.0
	TH-AAA700	700	1.2	10.2	44.0	70	16	350	2.2	12.0
AA	TH-2/3AA600	600	1.2	14.1	29.0	60	16	600	1.2	12.0
	TH-AA1300	1300	1.2	14.1	49.0	130	16	1300	1.2	22.0
	TH-AA1500	1500	1.2	14.1	49.0	150	16	1500	1.2	24.0
	TH-AA1600	1600	1.2	14.1	49.0	160	16	1600	1.2	25.0
	TH-AA1800	1800	1.2	14.1	50.0	180	16	900	2.2	26.0
	TH-AA2000	2000	1.2	14.1	50.0	200	16	1000	2.2	29.0
	TH-AA2100	2100	1.2	14.1	50.0	210	16	1050	2.2	29.5
B	TH-AA2300	2300	1.2	14.1	50.0	230	16	1150	2.2	30.0
	TH-B4000	4000	1.2	18	70.0	400	16	800	7	63.0
SC	TH-SC2000	2000	1.2	22.5	42.5	200	16	1000	2.2	43.0
	TH-SC2500	2500	1.2	22.5	42.5	250	16	1250	2.2	45.5
	TH-SC3000	3000	1.2	22.5	42.5	300	16	1500	2.2	49.0
C	TH-C4000	4000	1.2	25.5	49.0	400	16	800	7	75.0
	TH-C4500	4500	1.2	25.5	49.0	450	16	900	7	80.0
D	TH-D7000	7000	1.2	32.5	60.0	700	16	1400	7	140.0
	TH-D8000	8000	1.2	32.5	60.0	800	16	1600	7	150.0
F	TH-F13000	13000	1.2	32.5	90.0	1300	16	2600	7	230.0



HIGH TEMPERATURE BATTERY

> Features:

1. High trickle current: 1/30C-1/20C
2. High operating temperature: 0 °C - 70 °C

> Application:

Emergency lighting which requires batteries are continuous charged at low current to provide backup power in case of a main power failure.



NICD

Model No.	Rated Capacity (mAh)	Nominal Voltage (V)	Dimensions		Standard Charge		Rapid Charge		Weight Approx. (g)
			Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
T-AA600T	600	1.2	14.1	49.0	60	16	300	2.4	16.5
T-AA700T	700	1.2	14.1	49.0	70	16	350	2.4	18.0
T-AA800T	800	1.2	14.1	49.0	80	16	400	2.4	19.5
T-AA900T	900	1.2	14.1	49.0	90	16	450	2.4	20.0
T-SC1300T	1300	1.2	22.5	42.5	130	16	650	2.4	39.5
T-SC1500T	1500	1.2	22.5	42.5	150	16	750	2.4	42.0
T-SC1800T	1800	1.2	22.5	42.5	180	16	900	2.4	45.0
T-SC2000T	2000	1.2	22.5	42.5	200	16	1000	2.4	46.0
T-C2200T	2200	1.2	25.5	49.0	220	16	1100	2.4	65.0
T-C2500T	2500	1.2	25.5	49.0	250	16	1250	2.4	65.0
T-C2800T	2800	1.2	25.5	49.0	280	16	1400	2.4	69.0
T-D4000T	4000	1.2	32.5	60.0	400	16	800	7.0	112.0
T-D4500T	4500	1.2	32.5	60.0	450	16	900	7.0	117.0
T-D5000T	5000	1.2	32.5	60.0	500	16	1000	7.0	123.0
T-F7000T	7000	1.2	32.5	90.0	700	16	1400	7.0	176.0

NIMH

Model No.	Rated Capacity (mAh)	Nominal Voltage (V)	Dimensions		Standard Charge		Rapid Charge		Weight Approx. (g)
			Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
TH-AA1300T	1300	1.2	14.1	49.0	130	16	650	2.2	23.0
TH-AA1500T	1500	1.2	14.1	50.0	150	16	750	2.2	25.0
TH-AA1800T	1800	1.2	14.1	50.0	180	16	900	2.2	27.5
TH-AA2000T	2000	1.2	14.1	50.0	200	16	1000	2.2	28.5
TH-SC2500T	2500	1.2	22.5	42.5	250	16	1250	2.2	51.0
TH-SC3000T	3000	1.2	22.5	42.5	300	16	1500	2.2	56.0
TH-C4000T	4000	1.2	25.5	49.0	400	16	800	7	80.0
TH-D7000T	7000	1.2	32.5	60.0	700	16	1400	7	145.0



LOW SELF-DISCHARGE BATTERY

> Applications:

Electric shaver, clipper, digital camera, etc.



TWD®



LOW SELF-DISCHARGE BATTERY

	ModelNo.	Rated Capacity (mAh)	Nominal Voltage (V)	Dimensions		Standard Charge		Rapid Charge		Weight Approx. (g)
				Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
NIMH	TH-AAA600C	600	1.2	10.2	43.0	60	16	600	1.2	11.0
	TH-2/3AA600C	600	1.2	14.1	28.0	60	16	600	1.2	12.0
	TH-AA1300C	1300	1.2	14.1	48.0	130	16	1300	1.2	22.0
	TH-AA1500C	1500	1.2	14.1	50.0	150	16	1500	1.2	24.0
	TH-AA1800C	1800	1.2	14.1	50.0	180	16	900	2.2	26.0
NICD	T-AAA350C	350	1.2	10.2	43.0	35	16	350	1.2	9.5
	T-2/3AA400C	400	1.2	14.1	28.0	40	16	400	1.2	12.0
	T-AA600C	600	1.2	14.1	48.0	60	16	600	1.2	16.5
	T-AA800C	800	1.2	14.1	48.0	80	16	800	1.2	19.0



FLASHLIGHT BATTERY

> Features:

1. Superb charge and discharge performance.
2. Low internal resistance.
3. High capacity retention.
4. Wide operating temperature range.
5. Long cycle life.

Size	Nominal Voltage (V)			
	1.2V	2.4V	3.6V	6.0V
AA	1.2V	2.4V	3.6V	
SC	2.4V	3.6V	4.8V	6.0V
C	2.4V	3.6V	4.8V	
1/2D	3.6V	4.8V		
D	2.4V	3.6V	4.8V	



TWD®



HIGH DRAIN DISCHARGE BATTERY

> Features:

1. Large current discharge: more than 85% of rated capacity could be released under the discharge condition of 5C and 10C.
2. Low resistance and ideal platform discharge voltage.

> Applications:

1. Power Tools: vacuum cleaner, electric drill, screwdriver, saw, mower, grinding machine.
2. Electric toys.



	Model No.	Rated Capacity (mAh)	Nominal Voltage (V)	Dimensions		Standard Charge		Rapid Charge		Weight Approx. (g)
				Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
NICD	T-AA800P	800	1.2	14.1	49.0	80	16	800	1.3	19.5
	T-4/5SC1300P	1200	1.2	22.5	33.5	120	17	1200	1.3	35.0
	T-SC1300P	1300	1.2	22.5	42.5	130	16	1300	1.3	39.0
	T-SC1500P	1500	1.2	22.5	42.5	150	16	1500	1.3	41.0
	T-SC1800P	1800	1.2	22.5	42.5	180	16	900	2.4	45.0
	T-SC2000P	2000	1.2	22.5	42.5	200	16	1000	2.4	47.0
NIMH	TH-AAA600P	600	1.2	10.2	44.0	60	22	600	1.2	12.0
	TH-AA1500P	1500	1.2	14.1	50.0	150	16	1500	1.2	26.0
	TH-SC2400P	2400	1.2	22.5	42.5	240	16	1200	2.2	46.0
	TH-SC3000P	3000	1.2	22.5	42.5	300	16	1500	2.2	53.0
	TH-SC3500P	3500	1.2	22.5	42.5	350	16	1750	2.2	58.0



TELE COMMUNICATION BATTERY

> Applications: Telecommunication devices such as cordless phone, interphone and fax machine.

	Model No.	Rated Capacity (mAh)	Nominal Voltage (V)	Dimensions		Standard Charge		Rapid Charge		Weight Approx. (g)
				Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
NICD	T-2/3AAA200C	200	1.2	10.2	29.0	20	16	200	1.3	6.0
	T-AA350C	350	1.2	10.2	44.0	35	16	350	1.3	9.5
	T-2/3AA400C	400	1.2	14.1	29.0	40	16	400	1.3	11.0
	T-AA500C	500	1.2	14.1	49.0	50	16	500	1.3	14.5
	T-AA1000C	1000	1.2	14.1	49.0	100	16	500	2.2	20.5
NIMH	TH-2/3AAA300C	300	1.2	10.2	29.0	30	16	300	1.2	6.5
	TH-AA600C	600	1.2	14.1	49.0	60	16	600	1.2	14.5
	TH-AA1000C	1000	1.2	14.1	49.0	100	16	1000	1.2	19.5
	TH-AA2000C	2000	1.2	14.1	50.0	200	16	1000	2.2	29.0



LITHIUM BATTERY

> Features:

1. High energy density
2. High voltage
3. Long Cycle Life: 500-2000 cycles
4. Low self-discharge rate: 95% initial capacity after storage at 20±5°C for 1 month
5. Wide operating temperature range: -10°C-70°C
6. No memory effect

	Model No.	Rated Capacity (mAh)	Nominal Voltage (V)	Dimensions		Weight Approx. (g)
				Diameter (mm)	Height (mm)	
Li-ion Cylindrical	ICR14430-600	600	3.6	14.0	43.0	17.0
	ICR14430-700	700	3.6	14.0	43.0	17.0
	ICR14500-700	700	3.6	14.0	49.0	20.0
	ICR14500-800	800	3.6	14.0	49.0	21.0
	ICR18650-2000	2000	3.6	18.0	65.0	47.0
	ICR18650-2200	2200	3.6	18.0	65.0	49.0
LiFePO4	IFR18650	1500	3.2	18.0	65.0	42.0
	IFR26650	3000	3.2	26.0	65.0	82.0
	IFR14500	500	3.2	14.0	50.0	19.0
	IFR32650	4000	3.2	32.0	65.0	130.0
Primary Lithium Battery	CR123A	1500	3.0	17.0	34.5	16.0