

HW[®] Hi-Watt Battery



TIGER HEAD HI-WATT BATTERY(HK) CO., LTD.





Company Profile

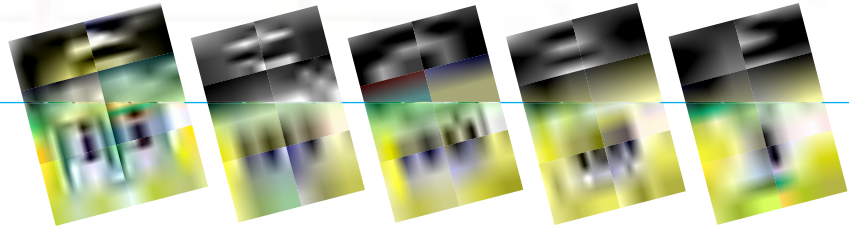


TIGER HEAD HI-WATT BATTERY(HK) CO., LTD.,

a subsidiary company of Guangzhou Tiger Head Battery Group, was established in 1985 and it is also one of the leading battery manufacturers in Hong Kong and mainland China.

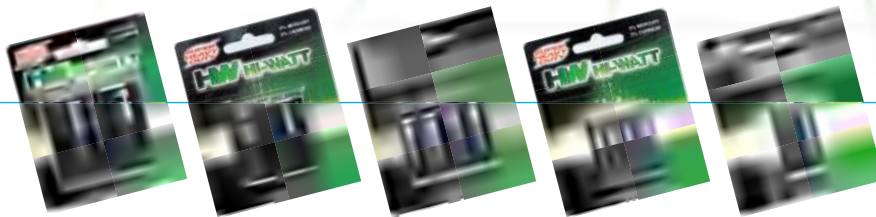
Tiger Head Hi-Watt has more than 40 efficient production lines; and an ingenious and powerful technical engineering team. Hi-Watt's products meet completely the requirements of the latest international safety and environmental standard. Hi-Watt has also been awarded UL, CE and RoHS certificate, as well as "Q mark "certificate of the Federation of Hong Kong Industries. In 2006, Hi-Watt was firstly awarded "zero-mercury, zero-cadmium, zero-lead environmental-friendly battery brand" certification by China Battery Industries Association.

Hi-Watt is manufacturing and selling more than 50 items including carbon zinc batteries, alkaline batteries, nickel metal hydride batteries, lead acid batteries, flashlights and warning lamps. Hi-Watt implies high energy and high quality - its outstanding reputation is known internationally in the battery industry. As one of the leading OEM manufacturers of many top brands in the battery industry, Hi-Watt exports a comprehensive range of batteries globally including North America, Europe, Japan, Australia, South East Asia and the Middle East. As one of the leaders of the battery industry in China, Hi-Watt achieved a turnover more than USD60,000,000 in 2022.



Type	Reference	Nominal Voltage (V)	Jacket	Packing Code	Pc(s) /package	Export Carton Packing		
						Qty(pcs)	G.W.(kg)	Dimensions (cbm)
LR20	D AM1 LR20	1.5	FOIL	S2	2/shrink	144	23.0	0.013
	D AM1 LR20	1.5	FOIL	B2	2/card	120	19.0	0.022
LR14	C AM2 LR14	1.5	FOIL	S2	2/shrink	384	29.0	0.018
	C AM2 LR14	1.5	FOIL	B2	2/card	240	19.0	0.028
LR6	AA AM3 LR6	1.5	FOIL	S4	4/shrink	800	20.5	0.013
	AA AM3 LR6	1.5	FOIL	B2	2/card	240	7.0	0.017
	AA AM3 LR6	1.5	FOIL	B4	4/card	480	12.6	0.016
LR03	AAA AM4 LR03	1.5	FOIL	S4	4/shrink	1200	15.0	0.011
	AAA AM4 LR03	1.5	FOIL	B2	2/card	600	8.5	0.029
	AAA AM4 LR03	1.5	FOIL	B4	4/card	1200	16.5	0.028
LR1	N AM5 LR1	1.5	FOIL	S4	4/shrink	2000	20.0	0.012
6LR61X	6LR61 6AM6	9	METAL	C1	1/cellophane	500	24.8	0.021
	6LR61 6AM6	9	METAL	B1	1/card	180	11.0	0.026

SUPER HEAVY DUTY



Type	Reference	Nominal Voltage (V)	Jaket	Packing Code	Pc(s) /package	Export Carton Packing		
						Qty(pcs)	G.W.(kg)	Dimensions (cbm)
ER20MX	D UM1 R20	1.5	METAL	S2	2/shrink	288	30.0	0.026
	D UM1 R20	1.5	METAL	B2	2/card	200	21.0	0.036
ER14MX	C UM2 R14	1.5	METAL	S2	2/shrink	480	25.0	0.020
	C UM2 R14	1.5	METAL	B2	2/card	400	23.5	0.048
ER6MX	AA UM3 R6	1.5	METAL	S4	4/shrink	1200	23.0	0.019
	AA UM3 R6	1.5	METAL	B2	2/card	600	13.0	0.040
	AA UM3 R6	1.5	METAL	B4	4/card	1200	25.0	0.040
ER6X	AA UM3 R6	1.5	FOIL	S4	4/shrink	1200	20.0	0.015
	AA UM3 R6	1.5	FOIL	B2	2/card	600	11.5	0.040
	AA UM3 R6	1.5	FOIL	B4	4/card	1200	22.0	0.040
ER03MX	AAA UM4 R03	1.5	METAL	S4	4/shrink	2400	24.6	0.015
	AAA UM4 R03	1.5	METAL	B2	2/card	600	13.4	0.032
	AAA UM4 R03	1.5	METAL	B4	4/card	1200	14.3	0.031
ER03X	AAA UM4 R03	1.5	FOIL	S4	4/shrink	1200	12.0	0.010
	AAA UM4 R03	1.5	FOIL	B2	2/card	600	13.0	0.032
	AAA UM4 R03	1.5	FOIL	B4	4/card	1200	13.5	0.031
E6F22MX	6F22 006P	9	METAL	C1	1/cellophane	400	14.0	0.014
	6F22 006P	9	METAL	B1	1/card	300	14.5	0.052



Type	Reference	Nominal Voltage (V)	Jaket	Packing Code	Pc(s) /package	Export Carton Packing		
						Qty(pcs)	G.W.(kg)	Dimensions (cbm)
HR20MX	D UM1 R20	1.5	METAL	S2	2/shrink	240	24.5	0.020
	D UM1 R20	1.5	METAL	B2	2/card	200	20.6	0.036
HR14MX	C UM2 R14	1.5	METAL	S2	2/shrink	480	24.0	0.021
	C UM2 R14	1.5	METAL	B2	2/card	200	21.0	0.036
HR6MX	AA UM3 R6	1.5	METAL	S4	4/shrink	1200	22.5	0.015
	AA UM3 R6	1.5	METAL	B2	2/card	600	11.4	0.040
	AA UM3 R6	1.5	METAL	B4	4/card	1200	21.8	0.040
HR03X	AAA UM4 R03	1.5	FOIL	S4	4/shrink	1200	10.0	0.010
	AAA UM4 R03	1.5	FOIL	B2	2/card	600	12.9	0.032
	AAA UM4 R03	1.5	FOIL	B4	4/card	1200	13.3	0.031
HR1X	N UM5 R1	1.5	FOIL	S4	4/shrink	1200	8.0	0.008
H6F22MX	6F22 006P	9	METAL	C1	1/cellophane	400	15.5	0.012
	6F22 006P	9	METAL	B1	1/card	300	14.5	0.052

REGULAR STANDARD



Type	Reference	Nominal Voltage (V)	Jaket	Packing Code	Pc(s) /package	Export Carton Packing		
						Qty(pcs)	G.W.(kg)	Dimensions (cbm)
R20V	D UM1 R20	1.5	PVC	S2	2/shrink	288	24.0	0.025
	D UM1 R20	1.5	PVC	B2	2/card	200	17.6	0.036
R14V	C UM2 R14	1.5	PVC	S2	2/shrink	480	19.5	0.021
	C UM2 R14	1.5	PVC	B2	2/card	400	19.3	0.048
R6V	AA UM3 R6	1.5	PVC	S4	4/shrink	1200	20.0	0.016
	AA UM3 R6	1.5	PVC	B4	4/card	1200	22.0	0.040
R03V	AAA UM4 R03	1.5	PVC	S4	4/shrink	2400	21.5	0.015
	AAA UM4 R03	1.5	PVC	B4	4/card	1200	13.1	0.031
6F22V	6F22 006P	9	PVC	C1	1/cellophane	500	18.0	0.015
	6F22 006P	9	PVC	B1	1/card	300	17.0	0.054
R20VP	D UM1 R20	1.5	PVC	S2	2/shrink	288	24.0	0.025
	D UM1 R20	1.5	PVC	B2	2/card	200	17.6	0.036
R14VP	C UM2 R14	1.5	PVC	S2	2/shrink	480	19.5	0.021
	C UM2 R14	1.5	PVC	B2	2/card	400	19.3	0.048
R6VP	AA UM3 R6	1.5	PVC	S4	2/card	4800	18.0	0.017
	AA UM3 R6	1.5	PVC	B4	4/card	1200	22.0	0.049
R03VP	AAA UM4 R03	1.5	PVC	S4	4/shrink	2400	10.0	0.010
	AAA UM4 R03	1.5	PVC	B4	4/card	1200	13.1	0.031
6F22	6F22 006P	9	METAL	C1	1/cellophane	500	18.0	0.015
	6F22 006P	9	METAL	B1	1/card	300	17.0	0.054

LANTERN BATTERIES



Type	Reference	Nominal Voltage (V)	Jaket	Packing Code	Pc(s) /package	Export Carton Packing		
						Qty(pcs)	G.W.(kg)	Dimensions (cbm)
3LR12X	3LR12	4.5	PLASTIC	S1	1/shrink	96	16.9	0.012
	3LR12	4.5	PLASTIC	B1	1/card	120	23.0	0.029
4LR25X	4F 4LR25	6	METAL	S1	1/shrink	12	12.0	0.010
4LR25X-2	4LR25-2	6	METAL	S1	1/shrink	10	14.5	0.020
E3R12X	3R12	4.5	PLASTIC	S1	1/shrink	240	27.5	0.028
	3R12	4.5	PLASTIC	B1	1/card	120	23.5	0.052
E4R25X	4R25 4F	6	PLASTIC	S1	1/shrink	24	14.0	0.018
E4R25X-2	4R25-2 4F2	6	PLASTIC	S1	1/shrink	10	12.5	0.022
6F100	6F100 PP9	9	PLASTIC	S1	1/shrink	24	11.0	0.009



CYLINDRICAL BUTTON CELL LITHIUM / ALKALINE BUTTON CELL / HIGH VOLTAGE

Type	Reference	Nominal Voltage (V)	Jaket	Packing Code	Pc(s) /package	Export Carton Packing		
						Qty(pcs)	G.W.(kg)	Dimensions(cbm)
Alkaline Button Cell	LR41 AG3 192	1.5	METAL	B10	10 / card	10000	9.8	0.036
	LR43 AG12 186	1.5	METAL	B10	10 / card	5000	13.2	0.036
	LR1130 AG10 189	1.5	METAL	B10	10 / card	5000	11.8	0.036
	LR44 AG13 A76	1.5	METAL	B10	10 / card	5000	13.8	0.036
High Voltage	23A	12	METAL	B1	1 / card	400	5.0	0.014
	27A	12	METAL	B1	1 / card	400	6.3	0.014
Cylindrical Button Cell Lithium	CR123A	3	FOIL	B1	1 / card	280	8.0	0.037
	CR2	3	FOIL	B1	1 / card	280	6.0	0.037
	CR-P2	6	PLASTIC	B1	1 / card	240	13.0	0.037
	2CR5	6	PLASTIC	B1	1 / card	280	14.0	0.037

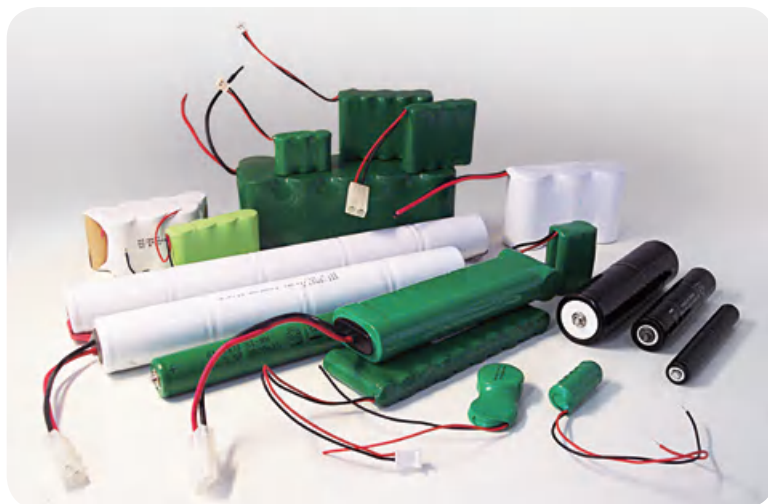
LITHIUM / MANGANESE DIOXIDE BUTTON CELL

Type	Model	Normal Voltage(V)	Normal Capacity (mAh)	Standard Discharge Current(mA)	Max. Discharge Current		Dimensions		Weight (g)
					Continuous(mA)	Plus(mA)	Dia(mm)	Ht(mm)	
CR Series	CR1216	3	28	0.05	0.2	5	12.5	1.6	0.6
	CR1220	3	35	0.05	0.2	5	12.5	2.0	0.8
	CR1225	3	50	0.05	0.2	5	12.5	2.5	0.9
	CR1616	3	55	0.10	0.3	8	16.0	1.6	1.1
	CR1620	3	70	0.10	0.3	8	16.0	2.0	1.3
	CR2016	3	75	0.10	0.3	10	20.0	1.6	1.7
	CR2025	3	150	0.20	0.5	15	20.0	2.5	2.7
	CR2032	3	210	0.20	0.5	15	20.0	3.2	3.2
	CR2320	3	150	0.20	0.5	15	23.0	2.0	3.0
	CR2325	3	185	0.20	0.5	15	23.0	2.5	3.2
	CR2330	3	255	0.20	0.5	15	23.0	3.0	3.8
	CR2430	3	270	0.20	1.0	15	24.5	3.0	4.0
	CR2450	3	500	0.20	1.0	15	24.5	5.0	6.2
	CR2477	3	900	0.20	0.5	10	24.5	7.7	10.0

NICKEL METAL HYDRIDE (NI-MH) RECHARGEABLE BUTTON CELL

Type	Model	Normal Voltage(V)	Normal Capacity		Standard Charge		Dimensions		Weight (g)
			(5hr-rate)(mAh)	End Voltage	Current(mA)	Time(hr)	Dia(mm)	Ht(mm)	
Rechargeable Button Cell	HW12H	1.2	15	1.0V	1.5	15	11.8	3.17	1.2
	HW30H	1.2	40	1.0V	4	15	11.8	5.17	1.7
	HW60H	1.2	80	1.0V	8	15	15.3	6.10	3.2
	HW100H	1.2	110	1.0V	11	15	15.3	7.75	3.6
	HW120H	1.2	160	1.0V	16	15	23.30×15	5.28	5.3
	HW140H	1.2	200	1.0V	20	15	23.30×15	5.28	5.8
	HW170H	1.2	230	1.0V	23	15	25.1	6.25	8.6
	HW250H	1.2	280	1.0V	28	15	25.1	7.35	11.0
	HW280H	1.2	330	1.0V	33	15	25.1	8.45	11.6

NICKEL METAL HYDRIDE



Model	Size	Nominal Voltage (V)	Capacity 0.2C disc. (mAh)	Dimensions		Standard Charge		Weight (g)
				Dia (mm)	Ht (mm)	Current (mA)	Time (hr)	
AAA600	AAA	1.2	600	10.1±0.1	44.2±0.3	60	15	13.0
AAA650	AAA	1.2	650	10.1±0.1	44.2±0.3	65	15	13.5
AAA700	AAA	1.2	700	10.1±0.1	44.2±0.3	70	15	14.0
AAA800	AAA	1.2	800	10.1±0.1	44.2±0.3	80	15	14.5
AAA900	AAA	1.2	900	10.1±0.1	44.2±0.3	90	15	15.0
AAA950	AAA	1.2	950	10.1±0.1	44.2±0.3	95	15	15.0
AAH600	AA	1.2	600	14.1±0.1	49.7±0.3	60	15	15.0
AAH800	AA	1.2	800	14.1±0.1	49.7±0.3	80	15	21.0
AAH1000	AA	1.2	1000	14.1±0.1	49.7±0.3	100	15	24.0
AA1200	AA	1.2	1200	14.1±0.1	49.7±0.3	120	15	25.0
AA1300	AA	1.2	1300	14.1±0.1	49.7±0.3	130	15	25.5
AA1500	AA	1.2	1500	14.1±0.1	49.7±0.3	150	15	26.5
AA1600	AA	1.2	1600	14.1±0.1	49.7±0.3	160	15	27.0
AA1800	AA	1.2	1800	14.1±0.1	50.2±0.3	180	15	28.0
AA2000	AA	1.2	2000	14.1±0.1	50.2±0.3	200	15	28.5
AA2200	AA	1.2	2200	14.1±0.1	50.2±0.3	220	15	28.5
AA2300	AA	1.2	2300	14.1±0.1	50.2±0.3	230	15	29.0
AA2500	AA	1.2	2500	14.1±0.1	50.2±0.3	250	15	29.0
AA2600	AA	1.2	2600	14.2±0.1	50.2±0.3	260	15	29.5
AA2800	AA	1.2	2800	14.2±0.1	50.2±0.3	280	15	29.5
CH2400	C	1.2	2400	24.9±0.1	49.7±0.3	240	15	70.0
C3300	C	1.2	3300	24.9±0.1	49.7±0.3	330	15	78.0
C3700	C	1.2	3700	24.9±0.1	49.7±0.3	370	15	83.0
C4000	C	1.2	4000	24.9±0.1	49.7±0.3	400	15	85.0
C4500	C	1.2	4500	24.9±0.1	49.7±0.3	450	15	88.5
DH2400	D	1.2	2400	32.2±0.1	60.5±0.5	240	15	98.0
DH2800	D	1.2	2800	32.2±0.1	60.5±0.5	280	15	98.0
DH5000	D	1.2	5000	32.2±0.1	60.5±0.5	500	15	120.0
D8000	D	1.2	8000	32.2±0.1	60.5±0.5	800	15	156.0
D9000	D	1.2	9000	32.2±0.1	60.5±0.5	900	15	161.0
D10000	D	1.2	10000	32.2±0.1	60.5±0.5	1000	15	165.0
HR9V160	9V	8.4	160	25.6x16.5x48		16	15	45.0
HR9V200	9V	8.4	200	25.6x16.5x48		20	15	54.0

SEALED LEAD-ACID



Model	Nominal Voltage (V)	Nominal Capacity (AH)				Dimensions (mm)				Weight (kg)
		20HR Rate VPC (1.75)	10HR Rate VPC (1.75)	5HR Rate VPC (1.70)	1HR Rate VPC (1.60)	Length	Width	Height	Total Height	
LA612	6	1.2	1.1	1.0	0.72	97	25	51	56	0.29
LA613	6	1.3	1.2	1.1	0.78	97	25	51	56	0.30
LA640	6	4.0	3.7	3.4	2.4	70	47	102	106	0.66
LA645	6	4.5	4.2	3.8	2.7	70	47	102	106	0.71
LA650	6	5.0	4.7	4.3	3.0	70	47	102	106	0.78
LA670	6	7.0	6.5	6.0	4.2	151	34	94	101	1.10
LA680	6	8.0	7.4	6.8	4.8	151	34	94	101	1.30
LA6100	6	10	9.3	8.5	6.0	151	50	94	99	1.70
LA6120	6	12	11.3	11.0	7.8	151	50	94	99	1.85
LA1212	12	1.2	1.1	1.0	0.72	97	48	52	57	0.62
LA1220	12	2.0	1.9	1.7	1.2	178	34	61	65	0.89
LA1230	12	3.0	2.9	2.5	1.8	133	67	61	66	1.25
LA1240	12	4.0	3.7	3.4	2.4	90	70	101	106	1.35
LA1250	12	5.0	4.7	4.3	3.0	90	70	101	106	1.68
LA1270	12	7.0	6.5	6.0	4.2	151	65	94	98	2.20
LA1275	12	7.5	6.9	6.4	4.5	151	65	94	98	2.35
LA1280	12	8.0	7.4	6.8	4.8	151	65	94	98	2.50
LA12100	12	10	9.4	9.1	6.5	151	98	94	100	3.20
LA12120	12	12	11.3	11.0	7.8	151	98	94	100	3.65
LA12170	12	17	15.8	14.5	10.2	181	77	166	166	5.10
LA12180	12	18	16.7	15.3	10.8	181	77	166	166	5.90
LA12200	12	20	18.6	17.1	12.7	181	77	166	166	6.00
LA12260	12	26	24.2	22.1	15.6	165	175	125	125	8.70
LA12330	12	33	30.7	28.1	19.8	194	132	170	170	11.9
LA12400	12	40	37	34	24	198	166	170	170	14.0
LA12700	12	70	64	58	42	350	166	174	174	22.0
LA121000	12	100	91	84	63	331	176	215	235	31.0
LA121500	12	150	137	126	90	483	170	241	241	54.0
LA122000	12	200	182	168	126	522	240	219	244	66.0

WARNING LAMPS FOR ROAD WORKS



Type	Description	Power Source	Bulb	Export Carton Packing		
				Qty (pcs)	G.W. (kg)	Dimensions (cbm)
SL-3	*Flashing Frequency: either 60 or 90 times per minute *Each in a polybag without battery	Two pieces of 4R25(908), 6-volt lantern battery	5-volt, 0.09A small bulb	6	6.3	0.037
SL-6	*Using one battery only *Flashing Frequency: either 60 or 90 times per minute *Each in a polybag without battery	One piece of 4R25(908), 6-volt lantern battery	5-volt, 0.09A small bulb	6	5.5	0.043
SL-8	*Economy Version *Flashing Frequency: either 60 or 90 times per minute *Each in a polybag without battery	Two pieces of 4R25(908), 6-volt lantern battery	5-volt, 0.09A small bulb	6	5.5	0.043
SL-9	*Constant Light *Flashing Frequency: either 60 or 90 times per minute *Each in a polybag without battery	One piece of 4R25(908), 6-volt lantern battery, 2pcs LED	LED	6	5.5	0.035
SL-11	*High intensity *High flashing rate: 120-150 times per minute *Synchronized effect by use of several *Lamps in proper placing range *Each in a polybag without battery	Two pieces of 4R25(908), 6-volt lantern battery	Xenon flash tube	5	5.5	0.038



TIGER HEAD HI -WATT BATTERY (HK) CO ., LTD. is a subsidiary
company of GUANGZHOU TIGER HEAD BATTERY GROUP

HEAD OFFICE

GUANGZHOU TIGER HEAD BATTERY GROUP CO., LTD.

Floor 28, Top Plaza East Tower, No.222 Xingmin Road, Zhujiang New Town, Tianhe District, Guangzhou
Tel:+8620 85525623
Fax:+8620 85574737

SUBSIDIARY COMPANIES

TIGER HEAD HI-WATT BATTERY (HK) CO., LTD.

Rm1906-10, Delta House, No.3 On Yiu Street, Shatin, N.T. Hong Kong
Tel:+852 2348 0111
Fax:+852 2772 7703
Website:www.hi-watt.com.hk
E-mail:hi watt@hi- watt.com.hk

GUANGZHOU TIGER HEAD INDUSTRIAL CO., LTD.

Floor 28, Top Plaza East Tower, No.222 Xingmin Road, Zhujiang New Town, Tianhe District, Guangzhou
Tel:+8620 85525623
Fax:+8620 85574737

YUNAN TIGER HEAD POWER TECHNOLOGY CO., LTD.

Shaziling,Ducheng Town, Yunan County, Yunfu City,Guangdong,China
Tel:+86766 7317261



Registration Number: Q010105



Certificate No: C1102



RoHS

REACH

The company has been awarded ISO9001:2008 quality management system
certification and ISO14001-2004 Environment management system certification