

JHT

JHIH HONG

TECHNOLOGY



www.jht-energy.com

KEY Milestones



JHT
POWER
IN PARTNERSHIP

LOCATION

JHT
POWER
IN PARTNERSHIP



Tokyo
Japan Office



ShenZhen
China Factory



New Taipei City
Headquarters Office
Factory 1



Taoyuan City
Zhongli Factory

Major Products

JHT
POWER
IN PARTNERSHIP

Coin Battery

Coin Cell
Pin Type
Wire Connection
Hand Card Blister



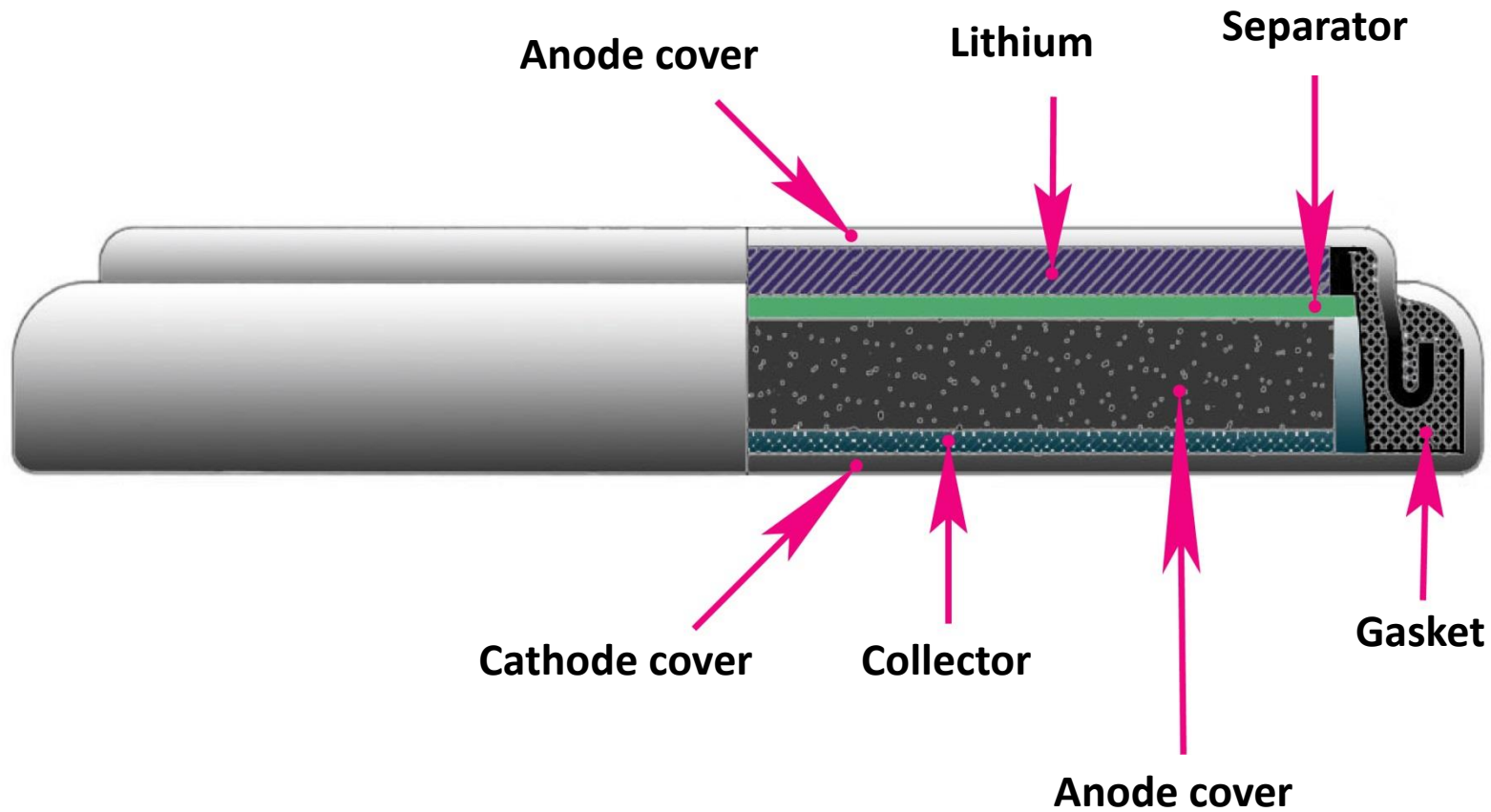
Pack Assembly

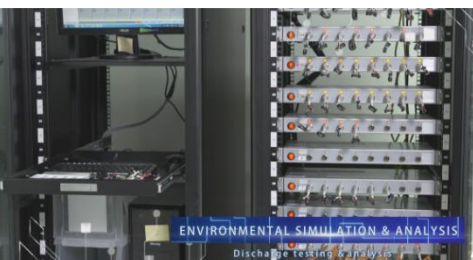
Ni-MH / Li-ion / Li-Polymer
Hard Pack & Soft Pack
Single Pack & Multi-Pack
Gas Gauge IC_BQ / DS series



Composition

JHT
POWER
IN PARTNERSHIP







Capacity:

JHT
POWER
IN PARTNERSHIP

Now:

2 Production Lines

Up to 2KK pcs/Month

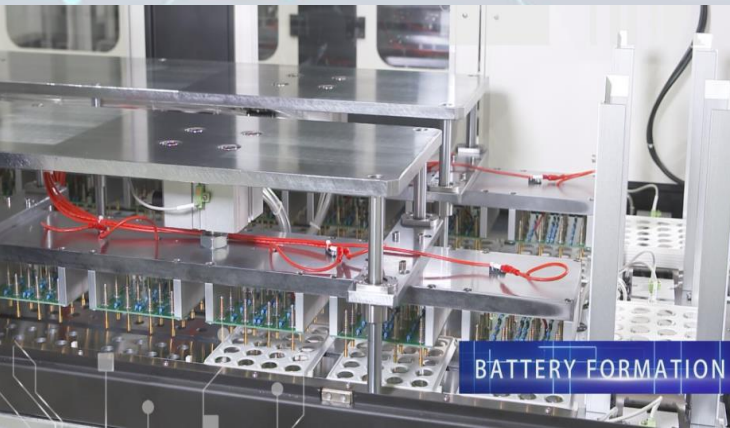
Future:

10 production lines



JHT

POWER
IN PARTNERSHIP



BATTERY FORMATION



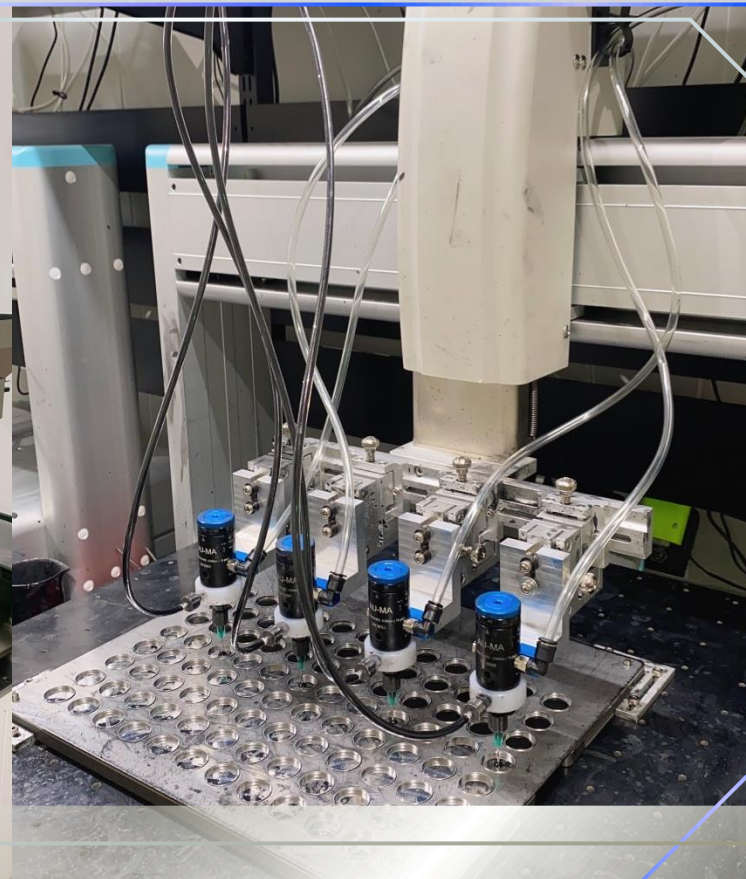
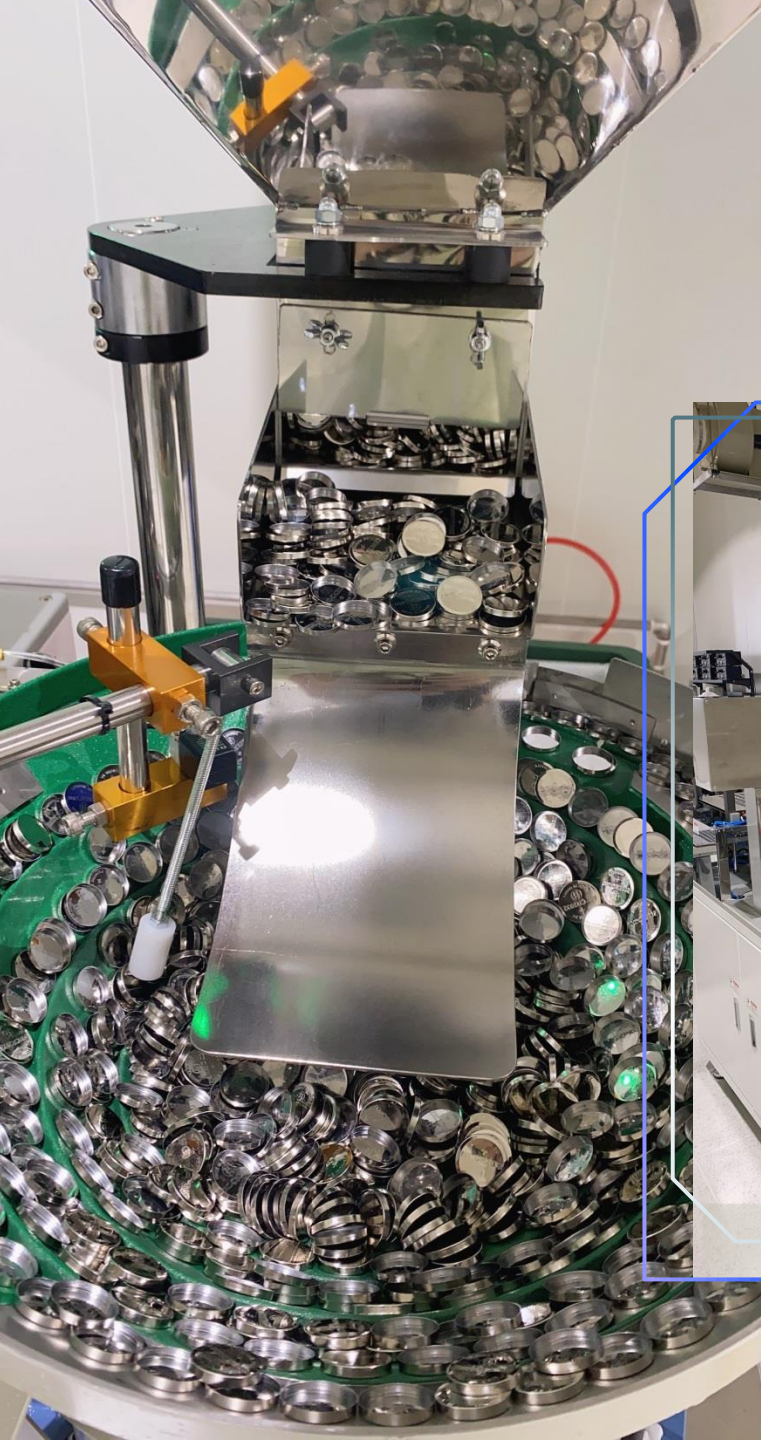
ASSEMBLY LINE



ASSEMBLY LINE

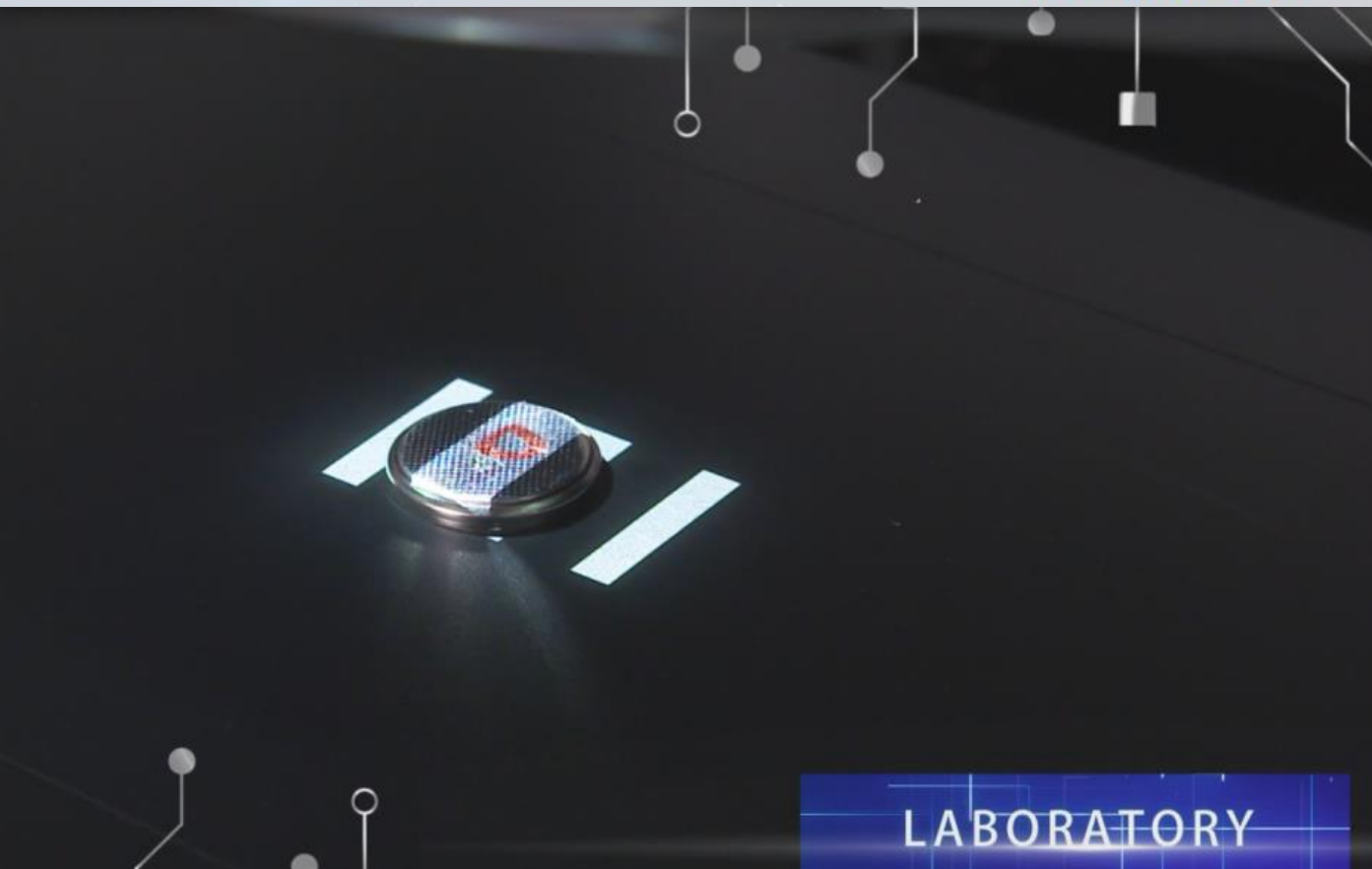
JHT

POWER
IN PARTNERSHIP



JHT

POWER
IN PARTNERSHIP



WHY Made In Taiwan?

JHT
POWER
IN PARTNERSHIP



OEM Experience

Technology

Service

Supply Chain



WHY JHT

Excellent Experience

Best Quality

professional Service



JHT
POWER
IN PARTNERSHIP

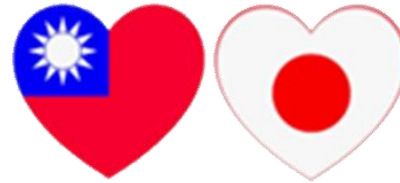


Best Quality

JHT
POWER
IN PARTNERSHIP



Automated production line



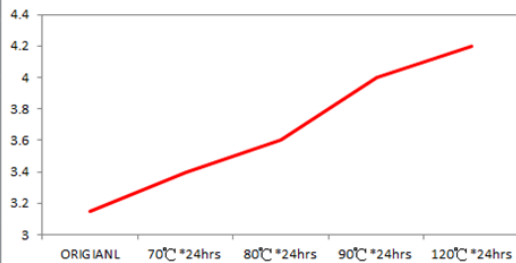
Adopt Japanese Technology



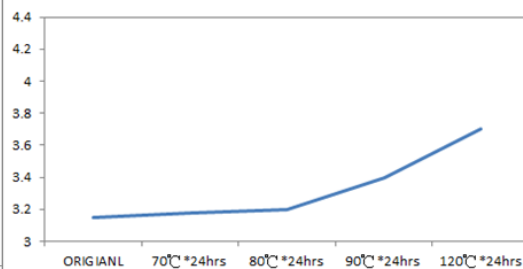
• Made in China

• Made in Taiwan

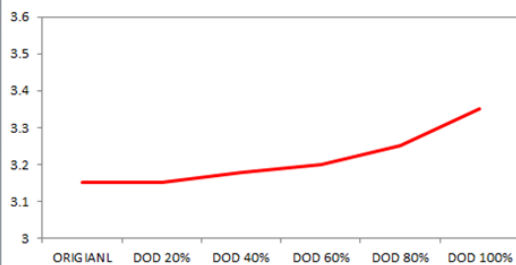
MIC Storage Temperature - Thickness



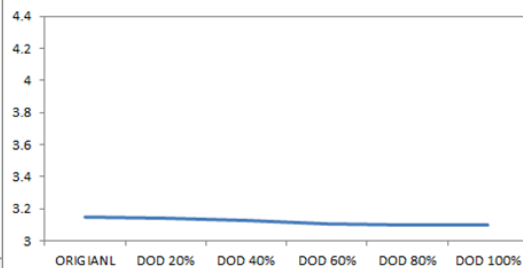
MIT Storage Temperature - Thickness



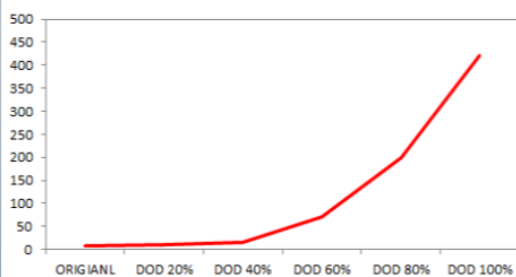
MIC Discharge & Thickness



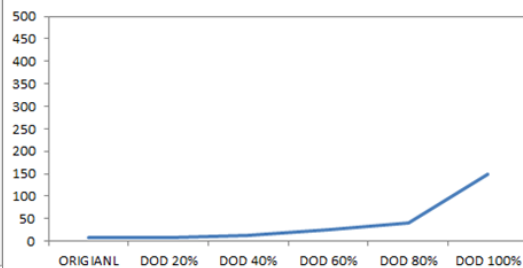
MIT Discharge & Thickness



MIC Discharge & IR

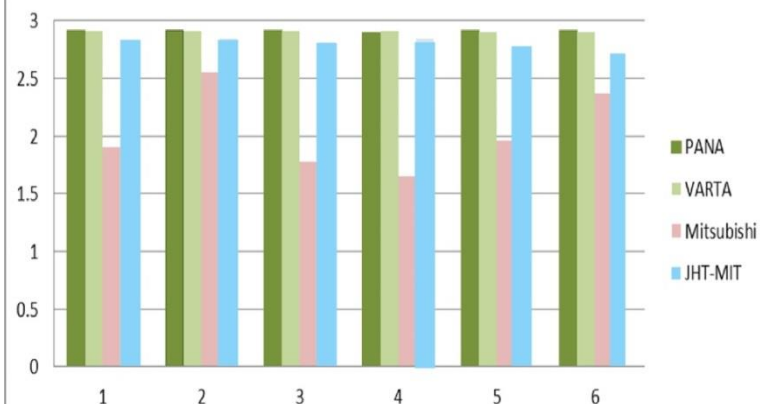


MIT Discharge & IR



	Made in China	Made in Taiwan
Storage temp./ Thickness	80°C ≈ 3.6mm	80°C ≈ 3.2mm
Discharge/ Thickness	Discharge 80% ≈ 3.25mm	Discharge 80% ≈ 3.2mm
Discharge/IR	Discharge 80% ≈ 200Ω	Discharge 80% ≈ 50Ω

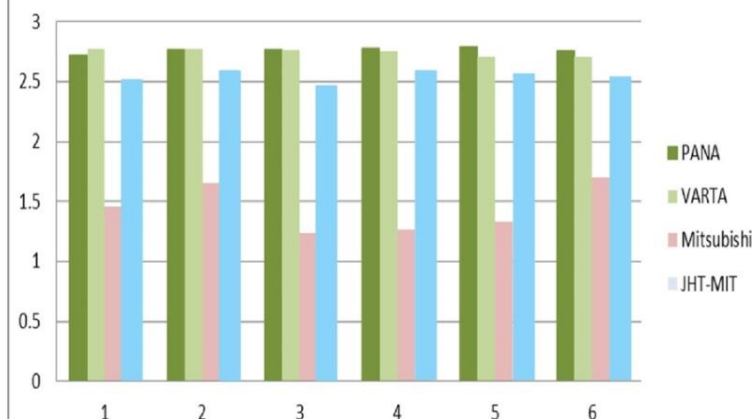
DOD54%-3mA Pulse



DOD54%-3mA Pulse

NO.	PANA	VARTA	Mitsubishi	JHT-MIT
1	2.911	2.908	1.901	2.832
2	2.915	2.907	2.554	2.840
3	2.919	2.914	1.778	2.811
4	2.898	2.906	1.655	2.839
5	2.911	2.902	1.965	2.838
6	2.912	2.902	2.369	2.824
MAX	2.919	2.914	2.554	2.840
MIN	2.898	2.902	1.655	2.811
AVG.	2.911	2.907	2.037	2.831
STD.	0.007071	0.004461	0.3504848	0.013478

DOD80%-3mA Pulse



DOD80%-3mA Pulse

NO.	PANA	VARTA	Mitsubishi	JHT-MIT
1	2.721	2.776	1.462	2.527
2	2.771	2.774	1.652	2.597
3	2.767	2.761	1.233	2.477
4	2.776	2.755	1.264	2.596
5	2.787	2.711	1.332	2.573
6	2.762	2.709	1.705	2.525
MAX	2.787	2.776	1.705	2.597
MIN	2.721	2.709	1.233	2.477
AVG.	2.764	2.748	1.441	2.549
STD.	0.022733	0.030224	0.2005649	0.058254

Professional Service

JHT
POWER
IN PARTNERSHIP



Professional
RD/Sales/Quality Team



8 weeks Lead-Time



Applications for Coin Battery

PERSONAL



CAR KEYLESS
TOY



COMMERCIAL



Energy meter
ESL



MEDICAL



Glucose meter
Ear thermometer



Applications for Coin Battery

JHT
POWER
IN PARTNERSHIP



JHT
C  **IN**
Battery

JHT Coin Type Battery

JHT
POWER
IN PARTNERSHIP



	CR Non-chargeable	ML Rechargeable	UL Quick Charge	HR Heat-resistance
JHT	16	1	0	0
MAXELL	9	2	4	4
FDK	9	11	2	0

JHT Coin model

CR Series



JHT
POWER
IN PARTNERSHIP

SIZE	MODEL	NOMINAL CAPACITY (mAh)	SIZE	MODEL	NOMINAL CAPACITY (mAh)
12.5x1.6	CR1216	25	20.0x3.2	CR2032	220
12.5x2.0	CR1220	38	23.0x2.0	CR2320	130
12.5x2.5	CR1225	50	23.0x3.0	CR2330	260
16.0x1.6	CR1616	50	23.0x5.4	CR2354	560
16.0x2.0	CR1620	70	24.5x3.0	CR2430	270
16.0x3.2	CR1632	120	24.5x5.0	CR2450	600
20.0x1.6	CR2016	75	24.5x7.7	CR2477	1000
20.0x2.5	CR2025	150	30.0x3.2	CR3032	500

MIT

MIT

JHT Coin model

JHT
POWER
IN PARTNERSHIP

LR Series(Alkaline Battery)

Model	Nominal Voltage(V)	Size(mm)	Nominal Capacity (mAh)
LR41	1.5	7.9x3.6	25
LR44	1.5	11.6x5.4	100



JHT Battery Model

JHT
POWER
IN PARTNERSHIP

Dry Battery

Carbon Zinc

Model	Nominal Voltage (V)	Size	Nominal Capacity (mAh)
R6P	1.5	(AA)	800
R03P	1.5	(AAA)	300

Alkaline

Model	Nominal Voltage (V)	Size	Nominal Capacity (mAh)
LR6	1.5	(AA)	1600
LR03	1.5	(AAA)	1000

JHT Battery Model

JHT
POWER
IN PARTNERSHIP

Cylindrical Type Battery

Model	Nominal Voltage(V)	Size(mm)	Nominal Capacity (mAh)
ER14250	3.6	14.5X25.4	1200
ER14335	3.6	14.5X33.5	1650
ER34615	3.6	34X61.5	19000
ER14250M	3.6	14.5X25.5	800
ER14335M	3.6	14.5X33.5	1300
ER34615M	3.6	34X61.5	14500
CR2	3	15.5X27	850
CR123A	3	17X34.5	1400
CR14250	3	14.5X25.4	600
CR14335	3	14.5X33.5	800

JHT
POWER
IN PARTNERSHIP

SGS

No. HKGEC1600945702 Date: 04 Nov 2016 Page 1 of 3

The following sample(s) was/were submitted and identified on behalf of the clients as : PRIMARY LITHIUM

Signed for and on behalf of
SQS Hong Kong Limited.

Tam Lik To, Litto
Chemist

This document is issued by the Company under the General Conditions of Insurance. Personal information available or required is for the purpose of providing insurance services only. The Company may use the information for other purposes, subject to the General Conditions of Insurance. The information may be disclosed to third parties for the purpose of providing insurance services. The information may be disclosed to third parties for the purpose of providing insurance services. The information may be disclosed to third parties for the purpose of providing insurance services.

Unless otherwise stated, the results shown in this report are only for the company's internal use and are not intended for distribution outside the company.

005 Hong Kong Limited | Laboratory: 1/F, 2/F, 4/F & 5/F On Wai Centre, 25 Lok Yip Road, Ma On Shan, HK. www.005group.com/hk
Office: 11/F, The Conqueror, 5 She Tsun Road, Tsim Sha Tsui, HK, Hong Kong | (852) 2304 9401 | (852) 2764 3126 | fax: (852) 2304 9402



CERTIFICATE

Assembly Process for Li-Ion (Lithium Ion), NiMH (Nickel-Metal Hydride) and NiCd (Nickel-Cadmium) Batteries

An audit was performed, Report No. 2.5-4122/2004
Proof has been furnished that the requirements according to
ISO 9001:2000 / EN ISO 9001:2000 / JIS Q 9001:2000 / ANSI/ASQC Q9001:2000
are fulfilled. The certificate is valid until 18 April 2007
Certificate Registration No. 04100 2004 6029 64



Essen, 19.04.2006



The TQV CERT is an Advisory Body for QMS system
of ISO 9001:2015, Business System

END PAGE 1



Report No. : CE/2006/55743
Date : 2006/08/22
Page : 1 of 2

The following merchandise was (were) submitted and identified by the client as

Type of Product	RTC BATTERY SET(SET)
Sample Received	2006/5/18
Testing Date	2006/5/18 TO 2006/05/20

PART NAME NO.1 : SILVER COLORED SOLDER

Test Item (s):	Unit	Method	MDL	Result No.1
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	211.6

NOTE: (1) N.D. = Not detected (-MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit


Daniel Yen, M.P., Operation Manager
Signed for and on behalf of
SOS TAIWAN LTD.

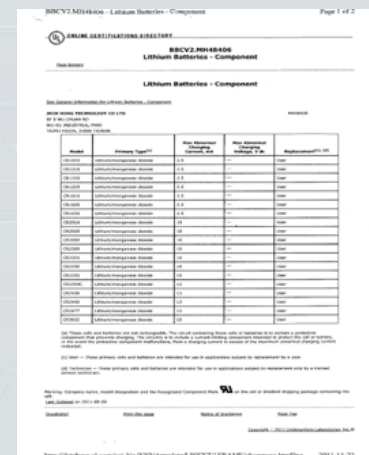
Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

The content of the FCF file is in accordance with the original issued reports for reference only. This Tax Report cannot be reproduced, except in full, without prior written permission of the Company.

WIS TAIWAN LIMITED | NO. 128-A, Wu-Kang Road, Wu-Kang Industrial Zone, Taipei County, Taiwan
 10491, Republic of China (Taiwan) | www.wis.com.tw

Factory Certificate

JHT
POWER
IN PARTNERSHIP



UL 48406

IATA

JHIH HONG TECHNOLOGY

➔ Introduction video

