	SIMPLIFIED SPECIFICATION	Rev.	0.0
		Date of Issued	18 July. 2012
		Date of revision	18 July. 2012
SPB433462H(Rechargeable Lithium Ion Battery)		Page	1 / 3

SPECIFICATION OF PRODUCT

Rechargeable Lithium Ion Battery

Model : SPB433462H

(Grade : H1)


ENERTECH INTERNATIONAL, INC.

269, Chungjuhosu-ro, ChungJu-city, Chungbuk , Korea

TEL: 82-43-850-1956 FAX: 82-43-855-9175

www.enertechint.com

	Issued	Checked	Approved
ENERTECH INTERNATIONAL, INC.	<div style="border: 2px solid blue; padding: 5px; display: inline-block;"> Electronic Approval </div>		
Date			

	SIMPLIFIED SPECIFICATION	Rev.	0.0
		Date of Issued	18 July. 2012
		Date of revision	18 July. 2012
SPB433462H(Rechargeable Lithium Ion Battery)		Page	2 / 3

1. Scope


This specification defines the characteristics of a rechargeable lithium ion battery manufactured by **ENERTECH INTERNATIONAL INC.**

2. Description and Model

2.1 Description	Cell (Rechargeable Lithium ion Battery)
2.2 Model	SPB433462H

3. Nominal Specifications

Item		Specification
3.1 Nominal Capacity		910 mAh(0.2C discharge)
3.2 Energy density	Volumetric	371 Wh/L
	Gravimetric	168 Wh/Kg
3.3 Nominal Voltage		3.7V
3.4 Operating Voltage Range		2.80V ~ 4.20V
3.5 Standard	Charge Current	455mA (0.5C)
	Discharge Current	455mA (0.5C)
3.6 Maximum	Charge Current	910mA (1.0C)
	Discharge Current	13.65A (15.0C)
3.7 Operating Temperature	Charge	0°C ~ 45°C
	Discharge	-20°C ~ 60°C
3.8 Storage Temperature	0°C ~ 25°C	≤ 1 Year
	0°C ~ 40°C	≤ 3 Month
	-10°C ~ 50°C	≤ 1 Month
3.9 Storage Humidity		45~85%RH
3.10 Cell size	Thickness	4.3 ± 0.3mm (Initial fully charged Cell)
	Width	34.0 +1.0/-2.0mm
	Length	62.0 +2.0/-1.0mm
3.11 AC Impedance		Max. 30mΩ
3.12 Weight		Max. 20.0 g

	SIMPLIFIED SPECIFICATION	Rev.	0.0
		Date of Issued	18 July. 2012
		Date of revision	18 July. 2012
SPB433462H(Rechargeable Lithium Ion Battery)		Page	3 / 3

◆ **Out View drawing for SPB433462H**

