

	SIMPLIFIED SPECIFICATION	Rev.	1.0
		Date of Issued	18 May. 2011
		Date of revision	22 June. 2012
SPB90210260(Rechargeable Lithium Ion Battery)		Page	1 / 3

SPECIFICATION OF PRODUCT

Rechargeable Lithium Ion Battery

Model : SPB90210260

(Grade : V1)

ENERTECH INTERNATIONAL, INC.

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

TEL: 82-43-850-1954 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.	1.0
		Date of Issued	18 May. 2011
		Date of revision	22 June. 2012
SPB90210260(Rechargeable Lithium Ion Battery)		Page	2 / 3

I . Cell Specification

1. Scope


This specification defines the characteristics of a lithium ion rechargeable battery manufactured by **Enertech International Inc.**

2. Descriptions and Model

2.1 Description	Rechargeable Lithium Ion Battery
2.2 Model	SPB90210260V1

3. Specifications

Item		Specification		Remark	
3.1	Nominal Capacity	40.0 Ah			
3.2	Energy Density	Volumetric	301 Wh/l		
		Gravimetric	155 Wh/kg		
3.3	Weight	≤ 990 g			
3.4	Nominal Voltage	3.70 V			
3.5	Operating Voltage Range	Max.	4.20 V		
		Min.	3.00 V		
3.6	Standard Current	Charge	20.0 A	1/2C	
		Discharge	20.0 A	1/2C	
3.7	Maximum Current	Charge	40.0 A	1C	
		Discharge	160.0 A	4C	
		Pulse Discharge	200.0 A	Pulse<10sec	
3.8	Internal Resistance	< 3mΩ		Max. AC impedance at 1kHz	
3.9	Operating Temperature	Charge	0°C ~ 40°C		
		Discharge	-20°C ~ 55°C		
		Recommend	25 ± 3°C		
3.10	Storage Temperature	Range	-10°C ~ 40°C		
		Recommend	25 ± 3°C		
3.11	Storage Humidity	45~85%RH		Not condensed	
3.12	Cell Dimensions	Thickness	9.0mm	±0.5	Initial full charge
		Width	210mm	± 3	
		Length	260mm	± 3	Excluding tab

	SIMPLIFIED SPECIFICATION	Rev.	1.0
		Date of Issued	18 May. 2011
		Date of revision	22 June. 2012
SPB90210260(Rechargeable Lithium Ion Battery)		Page	3 / 3

II. Out View Drawing

(unit : mm)

