



# LiFePO<sub>4</sub> Battery Product Specifications

**Model:** RFE-F100

**Spec:** 67\*167\*261mm

**Revision:** A/0

**File No.** WI-TC2-051

**Date:** 2009.07.25

Approved by	Checked by	Prepared by
Aaron Lin	Aaron Lin	Alvin Chen



SHANDONG REALFORCE ENTERPRISES CO., LTD

Revision: A/0

No: WI-TC2-051

Date: 2009.07.25

3.2V100Ah LiFePO<sub>4</sub> Battery

## Unconformable Items and Records

### Unconformable Items

Unconformable Items	Customer's Request Spec	Recommended Spec

A/0	First Version	Alvin Chen	2009.07.25
Version	Description	Signature	Date

### Records



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3.2V100Ah LiFePO<sub>4</sub> Battery

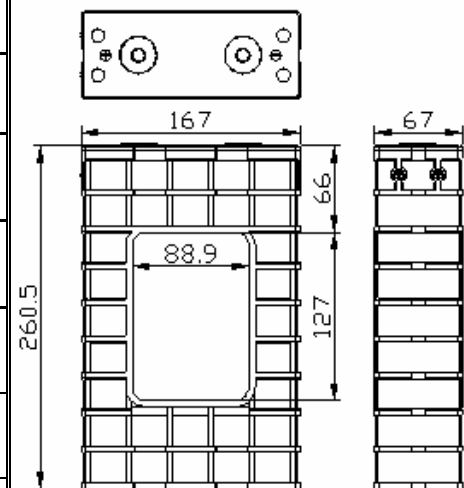
## 1.0 Product Specification Parameters

Model	RFE-F100	
Capacity (0.2 C <sub>5</sub> A )	100Ah	
Nominal Voltage	3.2V	
Charge Voltage	3.65V	
Discharge Cut-off Voltage	2.0V	
Standard Charge Current	20A (0.2 C <sub>5</sub> A)	
Standard Discharge Current	50A (0.5 C <sub>5</sub> A)	
Max. Continuous Discharge Current	100A (1 C <sub>5</sub> A)	
Max. Pulse Discharge Current(≤30s)	150A (1.5 C <sub>5</sub> A)	
Packaging Shell	ABS+PC	
Weight (Approx.)	3.8Kg	
Dimensions(Approx.)	67*167*261mm	
Impedance (Max, at 1000Hz)	≤3mΩ	
Cycle Life (80DOD%)	>1000 次	
Self-Discharge Rate	≤3%	
Charge Method (CC/CV)	Standard	0.2C <sub>5</sub> A×6.5 hr.
	Quick	1 C <sub>5</sub> A×2.5 hr.
Operating Temperature	Charge	0℃~45℃; 32℉~113℉
	Discharge	-10℃~60℃; -4℉~149℉
	Storage	-20℃~45℃; -4℉~113℉

## 2.0 Product Photos



## 3.0 Product Size Chart





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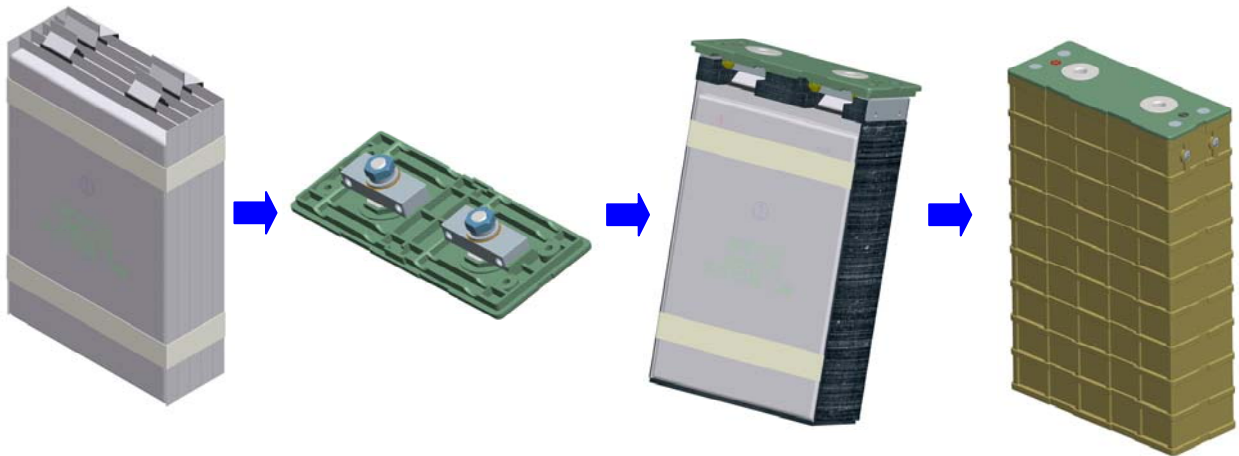
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## 4.0 Assembly Drawing



## 5.0 Battery Packaging

