



LiFePO₄ 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

3.2V100Ah LiFePO₄ Battery

Date: 2009.07.25

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 LiFePO₄ Battery

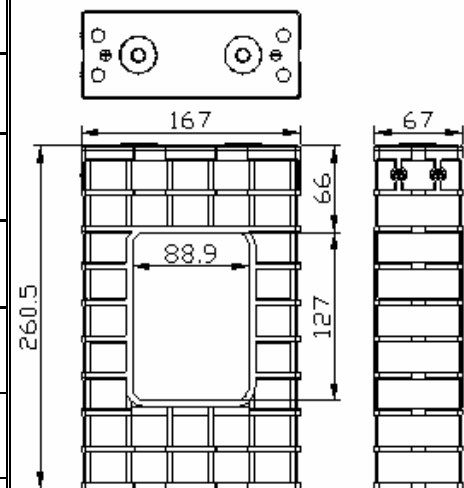
1.0 Product Specification Parameters

Model	RFE-F100	
Capacity (0.2 C ₅ A)	100Ah	
Nominal Voltage	3.2V	
Charge Voltage	3.65V	
Discharge Cut-off Voltage	2.0V	
Standard Charge Current	20A (0.2 C ₅ A)	
Standard Discharge Current	50A (0.5 C ₅ A)	
Max. Continuous Discharge Current	100A (1 C ₅ A)	
Max. Pulse Discharge Current(≤30s)	150A (1.5 C ₅ 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 ₅ A×6.5 hr.
	Quick	1 C ₅ A×2.5 hr.
Operating Temperature	Charge	0°C~45°C; 32°F~113°F
	Discharge	-10°C~60°C; -4°F~149°F
	Storage	-20°C~45°C; -4°F~113°F

2.0 Product Photos



3.0 Product Size Chart





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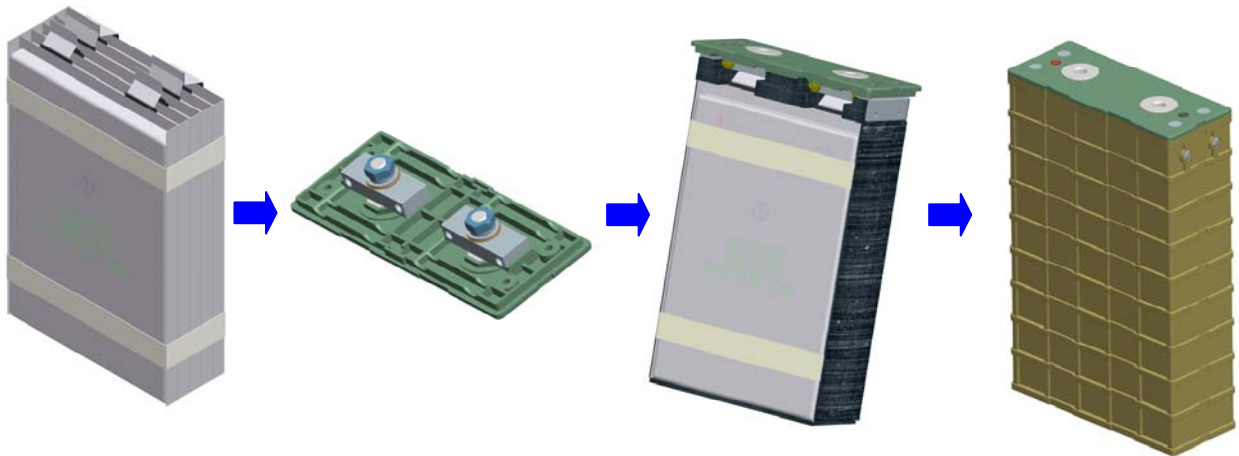
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4.0 Assembly Drawing



5.0 Battery Packaging

