



昌 勃 有 限 公 司
Dr. POWER CORPORATION

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零 件 規 格 書/承 認 書
SPECIFICATION FOR APPROVAL

CUSTOMER : _____

DESCRIPTION : Lithium-ion Battery Pack

MODEL : SANYO UR18650FM-1S1P

CUSTOMER PART NO : _____

APPROVED SIGNATURES


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Rev	Date	Description	Designed	Checked	Approved
1.0	2015/4/20	Release		Will	

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1. Scope

This specification shall be applied to Sonata Lithium Ion battery pack (1 series 1 parallel)

* Recharge battery after long time storage before use.

2. Composition

The Single cell consists of 2500 mAh capacity also Battery Pack 2500 mAh combines with protection circuit and thermal protection.

3. Product specification

No	Item	Rating performance	Remark	
1	Typical Capacity	2500 mAh	0.2C discharging to 3.0V	
2	Nominal voltage	3.6V		
3	Maximum charge voltage	4.325 V		
4	The end of discharging voltage	2.5V		
5	Suggestive charging current(standard)	520 mA	0°C to 40°C	
6	Suggestive charging current(Max)	2600mA	0°C to 40°C	
7	Suggestive continuous discharging current	520mA	-20°C to 60°C	
8	Suggestive continuous discharging current (Max)	2600mA	0°C to 40°C	
9	Internal resistance	< 300 mΩ	Measured by the alternate current method (1Khz)	
10	Outer Dimension(mm) (L*W*T)	68x20mm(Max)		
11	Weight		g	
12	Storage temperature (At the shipment state)	Less than 1 months	Percentage of recoverable capacity 80% ※	
		Less than 3 months		-20°C to 40°C , 90%RH
		Less than 1 years		-20°C to 20°C , 90%RH

※ Percentage of recoverable capacity

= (discharge time after storage / Initial discharge time) × 100

Discharge time is measured by the discharge at 0.2CA to 3.0V end voltage after fully charged

according to specification at approximately 25°C



9. Outer Dimension

