PKCELL
Green energy, easy life
SHENZHEN PKCELL BATTERY CO.,LTD
ADD: 7th Floor， block B, Yicheng Huanzhi center, Renmin Road, Longhua District, Shenzhen， China.518109

Lithium Manganese Battery
Technology Specification

Customer

Part name   Lithium Manganese Battery

Model No   CR14250 850mAh 3.0V (AC210076)

Serial No

Produce No

Approved by		Drafted by	Wenfei liang
Checked by		Signed by	Xiaojun Nie
Prepared by		Date	2022-10-24

Company address: 7th Floor，block B, Yicheng Huanzhi center, Renmin Road, Longhua District, Shenzhen，China.
（Tel）：+86-755-86670672
（Fax）：+86-755-86670609
E-mail：pkcell@pkcell.net   pkcell@pkcell.com
Website：http://www.pkcell.net   http://www.pkcell.com

Product Modified Record List

Revision	Date	Modified Content	Corrected person
A1	2022-10-24		

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1. SCOPE

The specification applies to CR14250 (Li/MnO$_2$) battery supplied by Shenzhen pkcell battery Co.,Ltd

2. Characteristics and Performance

Table1

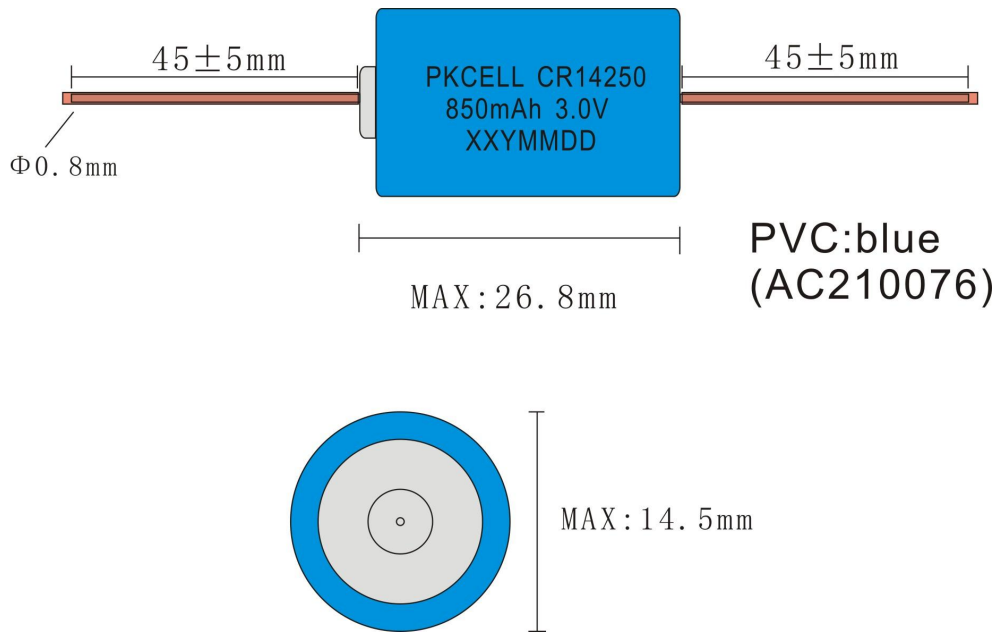| Item	Storage	Performance	Test condition
Nominal Voltage	—	3.0V	—
Normal capacity	—	850mAh	Continuous Discharge at 1mA To 2.0V at 25±2℃
Max.Constant Current	—	500mA	—
Max. Pulse Current	—	1000mA	—
Working temperature	—	-40~+65℃	—
OCV	Fresh	3.1V~3.45V	DC Voltmeter:accuracy≥±0.005V Input impedance≥1MΩ
OCV	After 12 months	3.1V~3.45V	DC Voltmeter:accuracy≥±0.005V Input impedance≥1MΩ
CCV	Fresh	≥3.00V	DC voltmeter: accuracy≥±0.005V load: 15kΩ for 0.8 sec.
CCV	After 12 months	≥3.00V	DC voltmeter: accuracy≥±0.005V load: 15kΩ for 0.8 sec.

3. Precautions

- Never charge the battery as it is not designed to be rechargeable, may cause leakage or   explosion.
- Insert battery with its positive and negative terminals properly aligned with the corresponding marks on   the equipment.
- Never short circuit, heat, incinerate or dismantle the battery.

4.Long storage life (5 years under room temperature)

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Fig1. Structure and Dimensions

PKCELL CR14250
850mAh 3.0V
XXYMMDD

45±5mm   45±5mm

Φ0.8mm

MAX:26.8mm

PVC:blue
(AC210076)

MAX:14.5mm

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……..END……..

If manufacturer want to modify the product technology specification, we won't inform you additionally)