1.5Ah, 3V Primary Lithium-Manganese Dioxide, Li-MnO_2, 2/3A Battery

RoHS Compliant

Features

- Lithium-Manganese Dioxide(Li-MnO_2)
- Nominal voltage: 3V
- Nominal capacity 1.5Ah
- Max. continuous current 1000mA
- Typical Max. pulse current 2500mA
- High/Reliable load voltage
- Low self-discharge rate(<2% after 1 year stored at 20˚C)
- Weight: 17g
- Hermetic Sealing
- Dimensions: ϕ 17x34.5mm
- Storage Temperature 30˚C Max
- Compliant IEC 86-4 safety standard
- 1-year warranty

*Product images are for illustrative purposes only and may vary from actual design.

Applications

- Portable electronic devices

Model List*(See part number scheme for model number details)

Model Number	Nominal Capacity	Nominal Voltage	Max Continuous Current	Typical Max. Pulse Current	Test Temp.
APSFW-CR123A	1.5Ah	3V	1000mA	2500mA	20˚C

*Contact Autec Sales for ordering options

Technical Data

Nominal Voltage	3V Standard Discharge
Nominal Capacity	1.5Ah @5mA +25˚C, 2V cut off. The capacity restored varies according to current, temperature, cut-off-voltage.
Electrical Characteristics	Typical values relative to cells stored for one year or less at +30˚C max.
Max. Continuous Current	1000mA@25˚C Discharged 2V permitting 50% of the nominal capacity to be achieved
Typ. Max. Pulse Current	2500mA@25˚C for 15 seconds drained with 50% of the nominal capacity, yield voltage reading above 2V. The value may vary with the pulse characteristics, the temperature and the cell's previous history
Storage Temperature	30˚C Max.
Operating Temperature	-40˚C to +85˚C
Dimensions	ϕ 17x33.5mm
Typical Weight	17g

Safety

Safety	Compliant with IEC 86-4 safety standard

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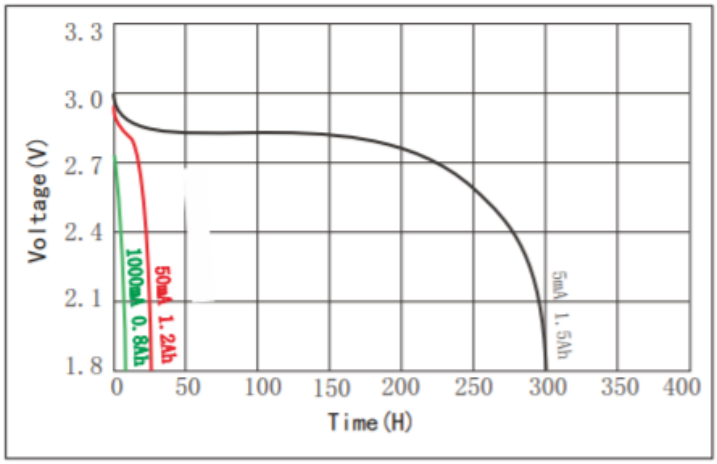
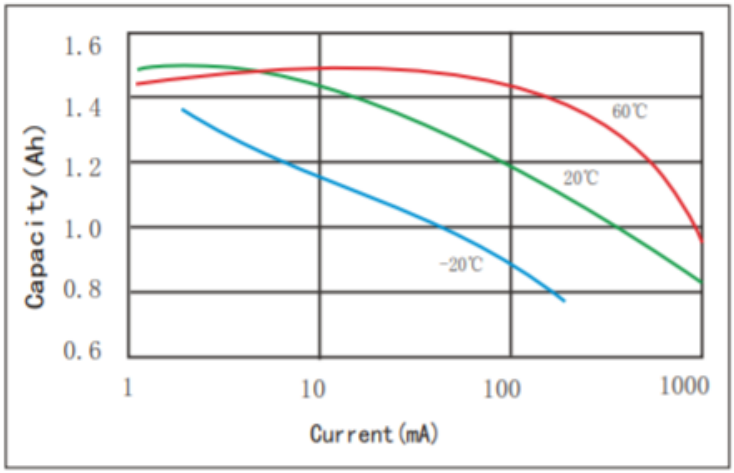
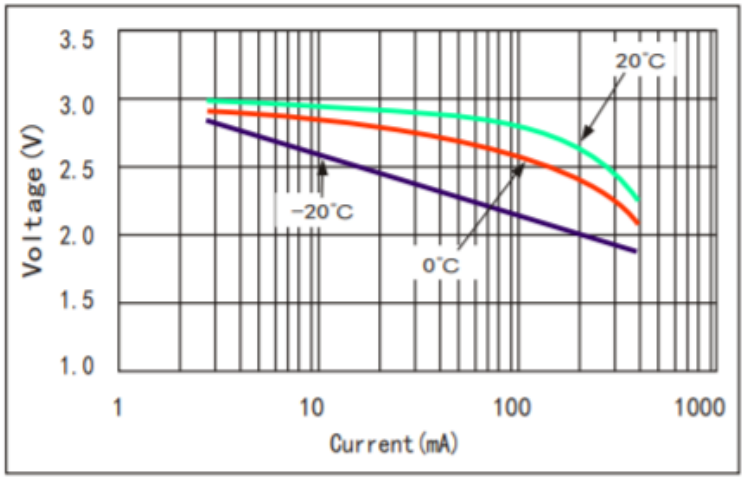
Discharge Characteristics



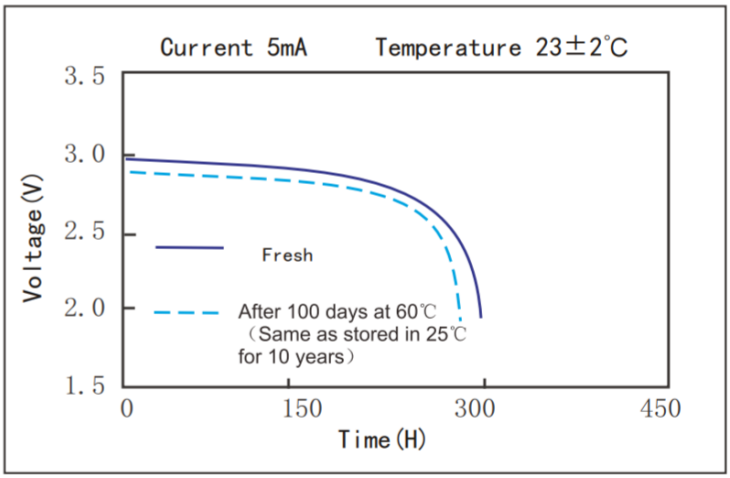
Capacity vs Current



Voltage vs Current



Storage Characteristics



Mechanical Diagram

Dimensions in mm

Available Terminations

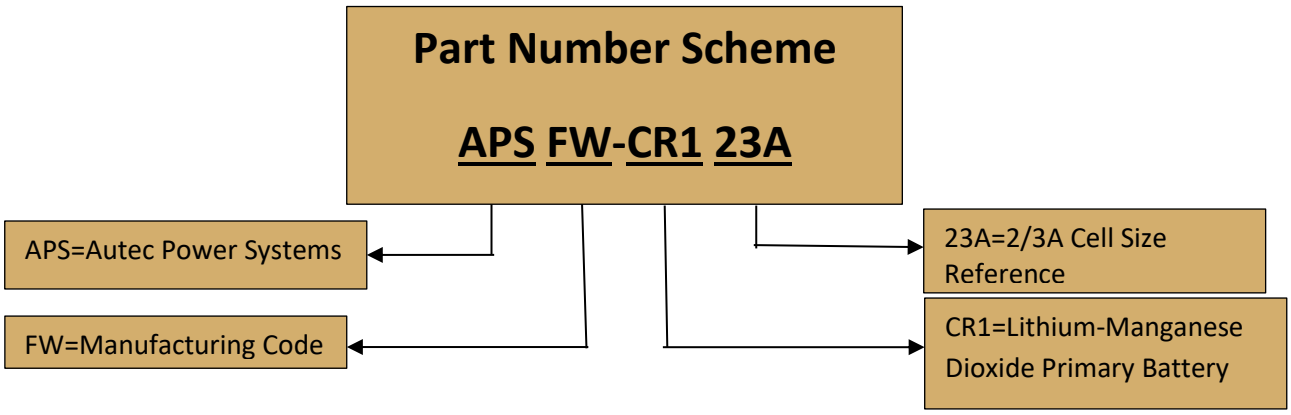
-P Axial Pin

-T/PT2 Radial Pin

-PT/TP Polarized Tab

Warnings

1. **Install batteries correctly.**
2. **Ensure the contact points to be clean and conductive.**
3. **Do not mix different types or brands of batteries in any application.**
4. **Do not attempt to recharge these batteries.**
5. **Do not expose the batteries to heat or fire.**
6. **Keep away from small children.**
7. **Please check the manufacturing date code.**



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***Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.**