

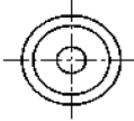
## Product Datasheet LSA-2700AAS

### Specifications (Typical values for cells stored for one year at 20°C)

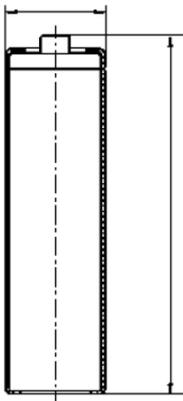
Chemistry	Nickel Metal Hydride
Nominal voltage	1.2 V
Typical capacity	2700 mAh
Minimum capacity	2250 mAh
Standard charge	225 mA x 16 hrs
Rapid charge	2250 mA (controlled by at least 3 of following methods simultaneously) -Delta V = 0-5mV/Cell (controlling voltage-decreasing while charging) DT/dt = 0.8-1 deg. Celsius/min (controlling surface temperature increment) TCO = 45-50 deg. Celsius (controlling battery surface temperature) 69 mins (controlling charging time at constant current)
Discharge end-voltage	1.0 V
Max. constant discharge current	4500 mA (at 20 °C)
Ambient temperature range (Humidity: 65±10%)	Standard charge: 0 to 40°C Rapid charge: 10°C to 35°C
Storage temperature range (Humidity: 65±10%)	Discharge: -20°C to 55°C Within 12 months: -20°C to 35°C Within 3 months: -20°C to 45°C Within 1 month: -20°C to 55°C Diameter: 14.5mm +0/-0.3mm
Dimensions	Height: 50.5mm Max
Weight	Appr. 29.5 g
Impedance (1000Hz)	Typ. 25.0 mΩ

#### **Important information:**

This datasheet contains typical information specific to products manufactured at the time of its publication and does not constitute a guarantee or warranty with respect to any cells and batteries. Cell/Battery performance and service life depend on the operating temperature, storage conditions, cut-off voltage and load applied in a specific application. It is the responsibility of each user to ensure that each application is adequately designed in terms of safety and usage conditions and is in conformance with existing standards and requirements. All specifications are subject to change without notice.

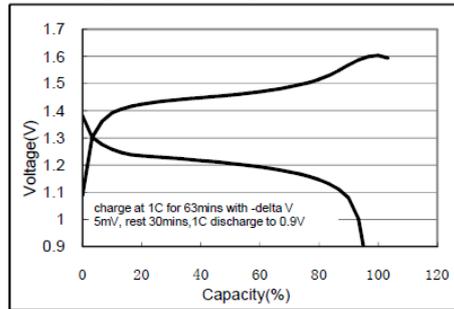


Φ14.5(+0/-0.3)

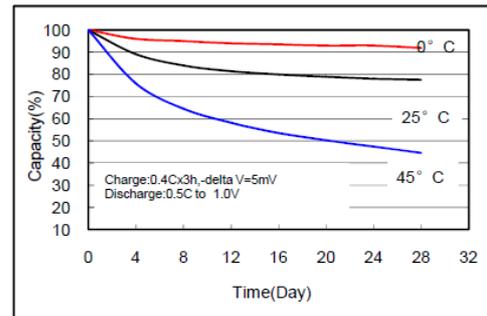


MAX. 50.5

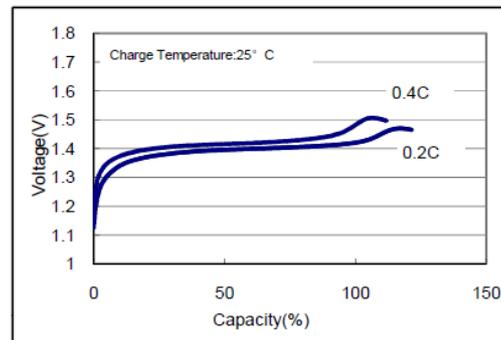
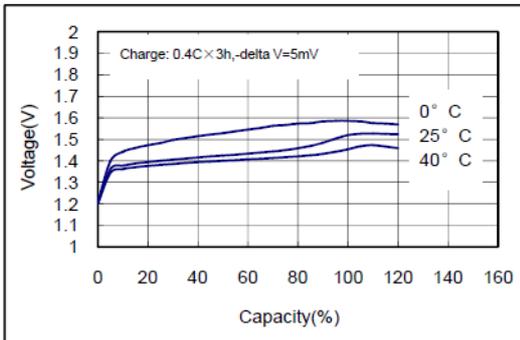
### ·1C Charge and Discharge characteristics



### ·Self discharge characteristics



### ·Charge characteristics



### Cautions:

1. We recommend to use Leclanché specified Ni-MH battery charger equipped with rapid charge control in case if quick charge is necessary.
2. Please recharge the battery before using
3. Charge/Discharge current should not exceed the current stipulated by Leclanché SA
4. The end voltage of the battery is 1.0V/Cell, do not over-discharge the battery, or it will damage the performance of battery.
5. If battery will be stored more than 3 months, we suggest charging the battery once every 3 months. The battery should charge 30-50% before storage.
6. Do not reverse-charge the battery
7. Do not immerse the battery into water or into any other liquids.
8. Do not disassemble batteries into fire.
9. Do not solder any lead wires directly onto the batteries
10. Make sure terminals are correctly positioned when charging.
11. Trickle charge brand new batteries or batteries being stored for a long time before using
12. Keep the batteries out of reach children; see a doctor when any accidents happen.
13. Do not touch overheated batteries; recharge the battery when temperature returns to normal.
14. Battery will heat after using, please put the battery on a ventilated place to make it cool before charge it again. Avoid direct sunshine.
15. Do not mix different size of batteries; do not mix Leclanché battery with other brand batteries
16. When using the battery at too low temperature, experience deep discharge, and/or over-discharge, and/or over-charge, this will decrease the cycle life of batteries, and increase the internal cell resistance.
17. Do not short-circuit batteries, or it will cause permanent damage
18. Storage with load is forbidden. This will cause irreversible battery capacity lose loaded for a longer time
19. Do not rip off the sleeve. Do not mess up the cell while in packing; avoid strong impact and high temperature.