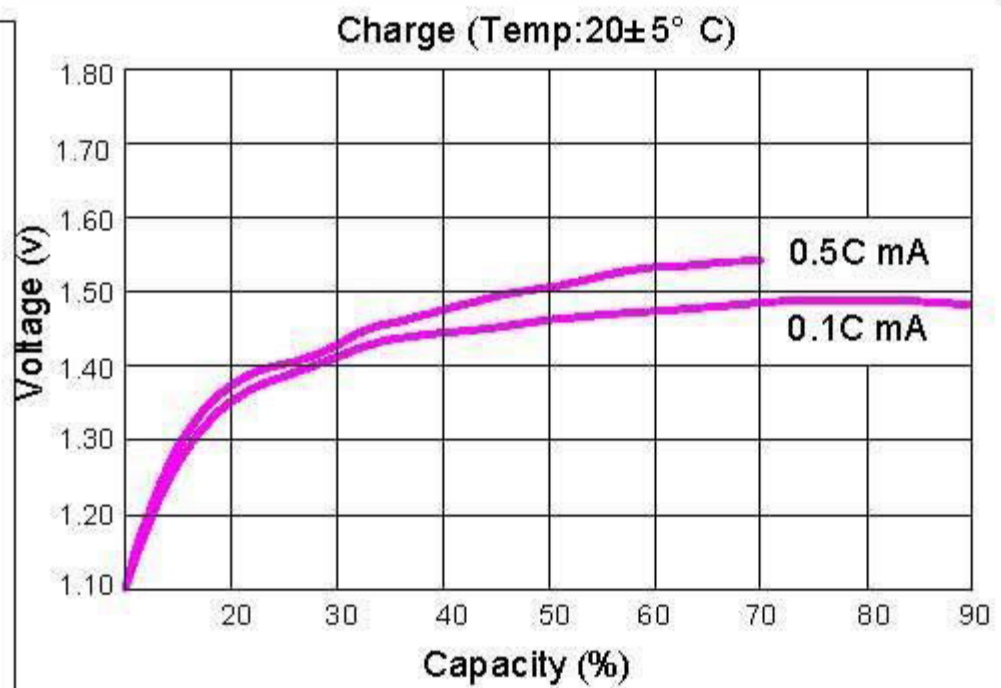
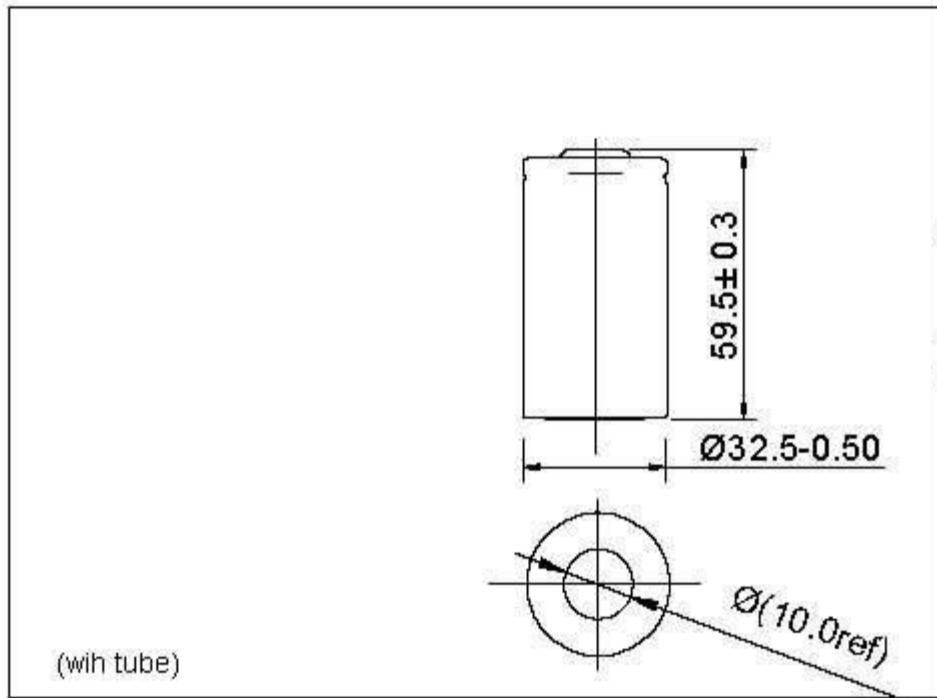


GASTON ENTERPRISE DEVELOPMENT LTD.

Document Title: T-D4500C 1.2V

Document Number: TQS1280 Revision: A/0

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Type: Rechargeable Nickel Metal Hydride Cylindrical Battery Pack

Nominal Dimension: H=59.5mm Φ=32.5mm

Applications: Recommended discharge current 450 to 4500mA

Nominal Voltage: 1.2V

Capacity:	Rate	Minimum	Capacity/mins
When discharged to 1.0V at 20° C.	0.2C	300mins	315mins
	0.5C	108mins	114mins
	1C	52mins	54mins

Charge Retention: 60% of nominal capacity after cell storage at 20° C for 28 days. When discharged at 900mA to 1.0V at 20° C.

Charge Condition: 450mA for 16 hrs at 20° C

Fast Charge: 225mA to 1350mA (0.05C to 0.3C) charge termination control recommended control parameters:
 -ΔV : 5mV
 DT/dt : 0.8° C/min(0.03 to 0.05C)
 TCO : 45-50° C

Service Life: >500 Cycles(IEC standard)

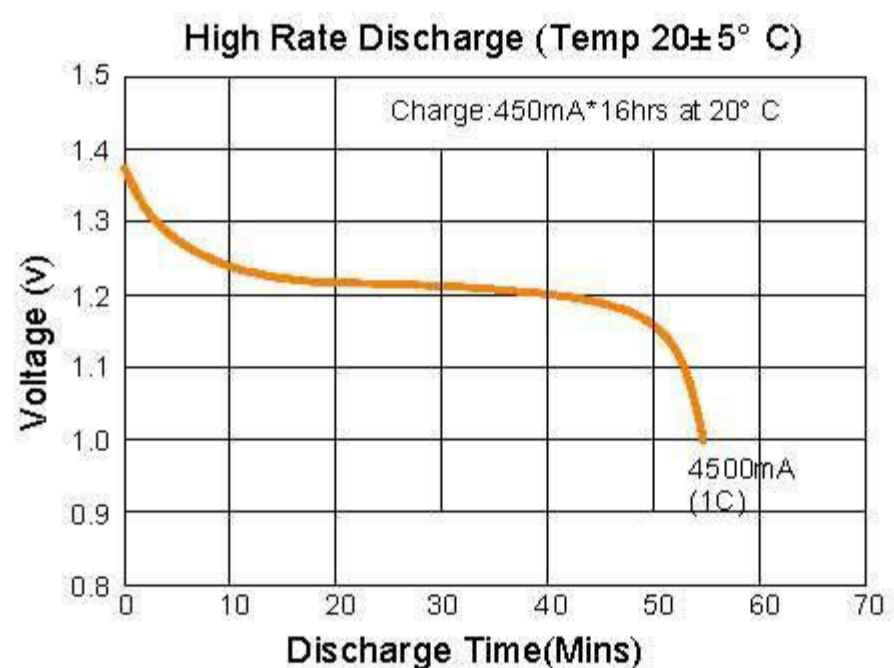
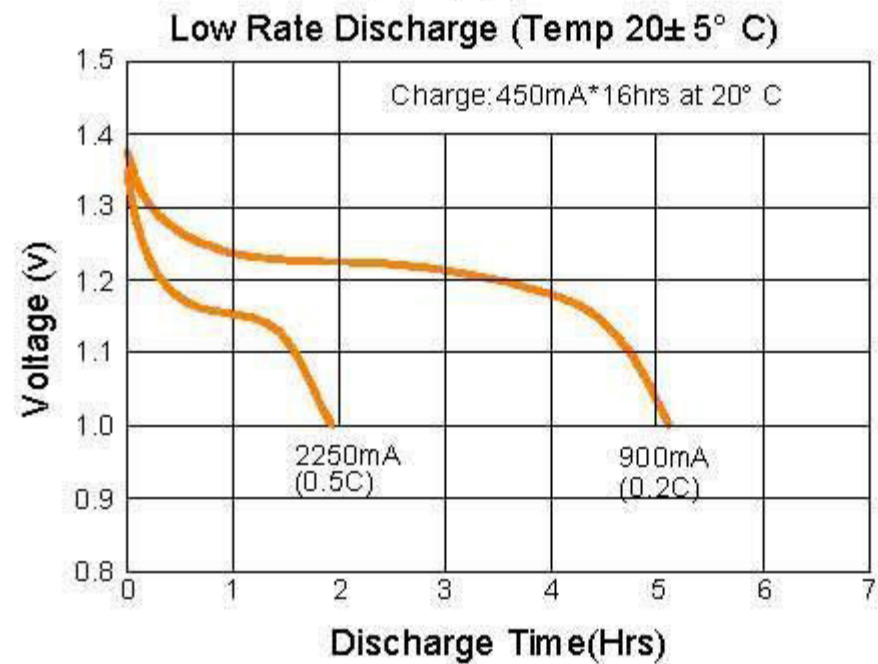
Continuous Overcharge: 450mA maximum current for 48h
 No conspicuous deformation and/or leakage

Approx Weight: 123g

Internal Resistance: ≤ 16mΩ upon fully charged at 1000Hz

Max.Charging Voltage: 1.60V at 2250mA charging.

Ambient temperature Range:	Standard charging	0° C to 45° C
	Fast charging	10° C to 40° C
	Discharging	-20° C to 30° C
	Storage	-20° C to 30° C



The information(subject to change without prior notice) contained in this document is for reference only and should not be used as a basis for product guarantee or warranty.For applications other than those described here,please consult your nearest Sales and Marketing Office or Distributors.

DRAWN: BoXiang OuYang

APPROVED: JunChen (QA Manager)

DATE: 18th. MAY. 2009