

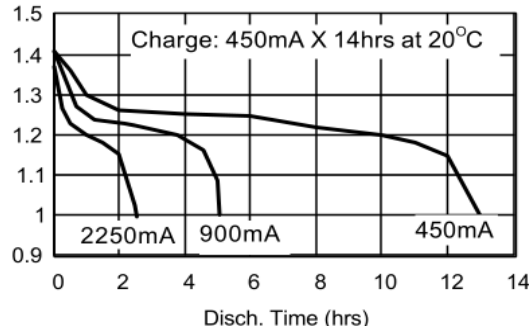


DATA SHEET

CELL TYPE: DKT4500

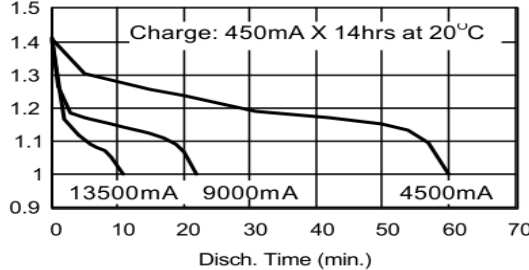
Specification

Type	High Temperature Rechargeable Nickel Cadmium Cylindrical Cell		
Nominal Voltage		1.2V	
Capacity (mAh)	Rate	0.2C	0.5C
	Nominal	4500	4200
	Typical	4500	4200
	Minimum	4350	4150
Approx. Weight		120g	
Internal Resistance (1 kHz)		≤15mΩ	
Charge	Standard	0.1C - 15h	
	Trickle	0.03 - 0.06C	
Operation Temperature	Standard Charge	0°C - 55°C	
	Trickle Charge	0°C - 70°C	
	Discharge	- 20°C - 70°C	
Storage Temperature	Within 6 months	- 20°C - 30°C	
	Within 1 month	- 20°C - 40°C	
	Within 1 week	- 20°C - 50°C	
Service Life (IEC60285)		≥500 cycles	



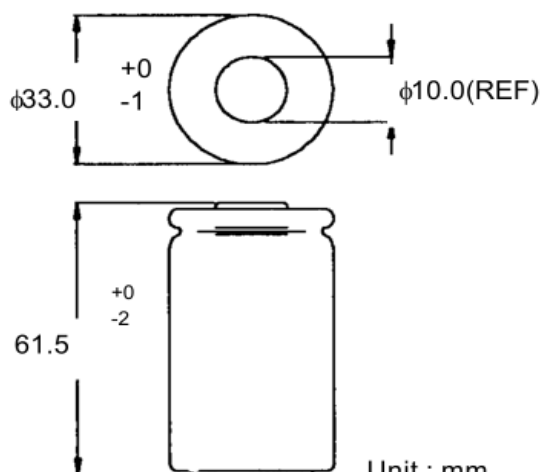
Charge: 450mA X 14hrs at 20°C

Disch. Time (hrs)	2250mA (V)	900mA (V)	450mA (V)
0	1.40	1.40	1.40
2	1.00	1.25	1.25
4	-	1.10	1.20
6	-	-	1.15
8	-	-	1.10
10	-	-	1.05
12	-	-	1.00
14	-	-	0.95

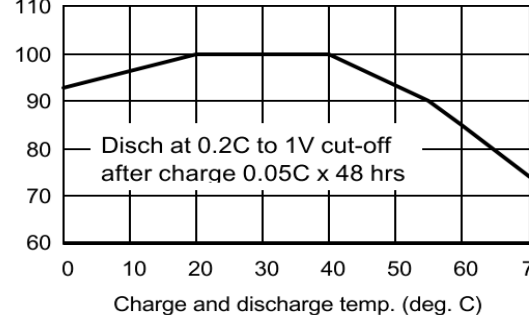


Charge: 450mA X 14hrs at 20°C

Disch. Time (min.)	13500mA (V)	9000mA (V)	4500mA (V)
0	1.40	1.40	1.40
10	1.00	1.15	1.25
20	-	1.00	1.20
30	-	-	1.15
40	-	-	1.10
50	-	-	1.05
60	-	-	1.00
70	-	-	0.95



Unit : mm



Disch at 0.2C to 1V cut-off
after charge 0.05C x 48 hrs

Charge and discharge temp. (deg. C)	Available Capacity (%)
0	95
10	98
20	100
30	100
40	100
50	95
60	85
70	75

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

The information contained in this document is for reference only and should not be used as a warranty.