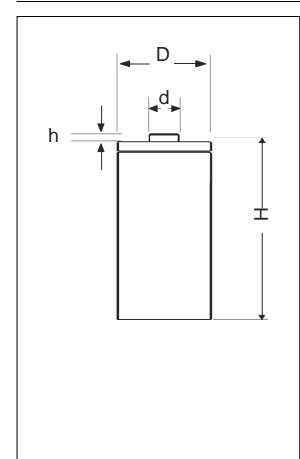




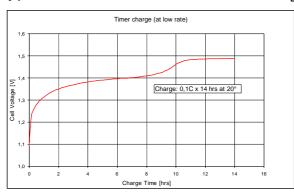
## Cell Type: AL-4500 RECHARGEABLE NICKEL-METAL HYDRIDE C-SIZE

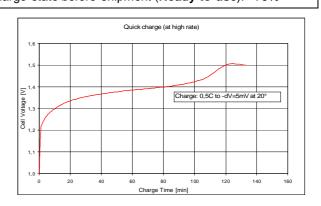
**Specifications** 

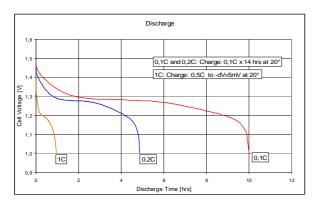


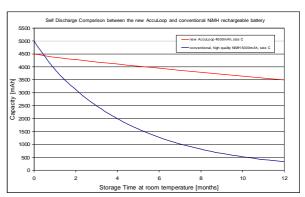
Nominal voltage		1.2V	
Capacity		C/5	С
	Maximum (rated)	4500mAh	3900mAh
	Typical	4100mAh	3850mAh
Diameter	D	25.5 ± 0.2 mm	
		1.00 ± 0.01 inch	
	d	7.9 ± 0.2 mm	
		0.30 ±0.01 inch	
Height	Н	50.0 ±0.5 mm	
		1.95 ±0.02 inch	
	h	2.5 ± 0.2 mm	
		0.10 ±0.01 inch	
Weight		approx. 80g	
Approx. internal impedance at 1000Hz at charged state.		≤9.0mΩ	
Charge starting at 1.0V	Standard	0.1C x 14 hrs	
	Quick	0.5C x 2.2 hrs or	
		–ΔV=50mV or 48°C	
	Rapid	1.0C x 1.1 hrs or	
		–ΔV=5mV or 48°C	
Discharge to 1.0V	Standard	0.2C	
	High Rate	1.0C (continuous)	
		2.5C (momentary,	
		≤1sec)	
Ambient temperature	Charge	-20°C to +45°C	
	Discharge	-10°C to +45°C	
	Storage	-20°C to +50°C	
		Less than one month	
		-15°C to +40°C	
		Less than one year	
Charge state before shipment ( <b>Ready to use</b> ): ≥75%			

## Typical Characteristics









Delivered capacity is dependent on the applied load, operating temperature and cut-off voltage. Data in this specification is subject to change without notice. Rev. 03/2009.