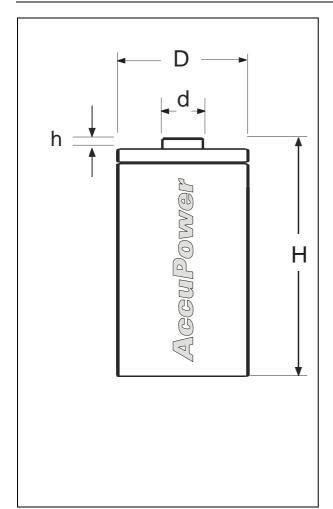


Cell Type: AL-8500 RECHARGEABLE NICKEL-METAL HYDRIDE D-SIZE

Specifications



Nominal voltage		1.2V	
Capacity		C/5	С
	Maximum (rated)	8500mAh	7800mAh
	Typical	8050mAh	7700mAh
Diameter	D	$32.5 \pm 0.2 \text{ mm}$ $1.27 \pm 0.01 \text{ inch}$	
	d	7.9 ± 0.2 mm 0.30 ±0.01 inch	
Height	Н	61.0 ±0.5 mm 2.38 ±0.02 inch	
	h	$3.0 \pm 0.2 \text{ mm}$ 0.11 ±0.01 inch	
Weight		approx. 145g	
Approx. internal impedance at 1000Hz at charged state.		≤7.0mΩ	
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 (Ready to use): ≥75%			

Typical Characteristics

