Accu<mark>Powe</mark>r

Cell Type: AP300 RECHARGEABLE NICKEL-METAL HYDRIDE BATTERY Specifications



Size			6F22 E-Block	
Nominal voltage			8.4V (9V)	
Capacity (mAh)			C/5	C/2
	Maximum		300	260
	Typical		270	250
Width			26.2 ± 0.5 mm 1.031 ±0.02 inch	
Thickness			16.5 ± 0.5 mm 0.649 ±0.02 inch	
Height			48.0 ±0.5 mm 1.890 ±0.02 inch	
Weight			40 ±2g	
Approx. Internal impedance at 1000Hz at charged state.			420 mΩ	
Charge Start voltage 7.0V	Standard		0.1C x 14 Hrs	
	Quick: with control (-€V, 0 to 5mV/cell)		0.5C x 2 ~2.5 Hrs	
	Rapid: with control (-€V, 0 to 5mV/cell)		1.0C x 1~1.2 Hrs	
Discharge	Standard		0.2C	
	High Rate		2.0C	
Ambient temperature	Charge	Standard	0°C to 45°C	
		Quick	10°C to 4	-0°C
	Discharge		-20°C to 60°C	
	Storage		-20°C to 40°C	
			Less than three months	
			-20°C to 30°C	
			Less than one year	

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 ACCU POWER R&D, Feb. 2008 Doc. No. 091011-01 V0910