



Battery Model: HFR-44AAAJ650			DATASHEET	
Nominal voltage (V)		1.2		
Capacity* (mAh)	Nominal	650		
	Minimum	600		
Charging**	Standard	60mA × 16hours		
	Quick	120mA × 7hours		
	Rapid	300mA × 2.4hours ΔV=5mV		
	Trickle	18mA~30mA		
Temperature recommended (°C)	Standard charge	0~40		
	Quick charge	10~40		
	Rapid charge	10~30		
	Discharge	-20~60		
	Storage	-20~30		
Internal resistance		≤40mΩ		
End voltage of discharge		1.0V		
Charge (capacity) retention		≥60%		
Weight		Approx. 12g		
Dimensions With tube (mm)	D	Diameter	10.5 ⁺⁰ _{-0.7}	
	H	Height	44.5 ⁺⁰ _{-1.5}	
	a	Top diameter	3.7 ^{+0.1} _{-0.1}	
	b	Top height	1.0 (Minimum)	
Drawing				
<p>Note:</p> <ul style="list-style-type: none"> *: Discharge capacity when the battery unit is discharged at 120mA to the 1.0V end voltage after being charged at 60mA for 16 hours ** : Please discharge to the 1.0V end voltage with 120mA before charging the battery unit. 				