



Battery Model: HFR-44AAAJ950			
Nominal voltage (V)		1.2	
Capacity* (mAh)	Nominal	950	
	Minimum	900	
Charging**	Standard	90mA×16hours	
	Quick	180mA×7hours	
	Rapid	450mA×2.4hours ΔV=5mV	
	Trickle	27mA~45mA	
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. 13g	
Dimensions With tube (mm)	D	Diameter	10.5 <sup>+0</sup> <sub>-0.7</sub>
	H	Height	44.5 <sup>+0</sup> <sub>-1.5</sub>
	a	Top diameter	3.7 <sup>+0.1</sup> <sub>-0.1</sub>
	b	Top height	1.0 (Minimum)
Drawing			

### DATASHEET

Cycle Life Curve (20°C)

Discharging Curves at Various rates (20°C)

Cycle Life Curve (20°C)

**Note:**

- \*: Discharge capacity when the battery unit is discharged at 180mA to the 1.0V end voltage after being charged at 90mA for 16 hours
- \*\* : Please discharge to the 1.0V end voltage with 180mA before charging the battery unit.