



Battery Model: HFR-50AT1800			DATASHEET	
Nominal voltage (V)		1.2		
Capacity* (mAh)	Nominal	1800		
	Minimum	1700		
Charging**	Standard	85mA×48hours		
	Quick	340mA×7hours		
	Rapid	850mA×2.4hours ΔV=5mV		
	Trickle	51mA~85mA		
Temperature recommended (°C)	Standard charge	0~80		
	Quick charge	10~70		
	Rapid charge	10~60		
	Discharge	-20~80		
	Storage	-20~30		
Internal resistance		≤30mΩ		
End voltage of discharge		1.0V		
Charge (capacity) retention		≥60%		
Weight		Approx. 36g		
Dimensions With tube (mm)	D	Diameter	17.0 ⁺⁰ _{-0.7}	
	H	Height	50.0 ⁺⁰ _{-1.5}	
	a	Top diameter	8.0 ^{+0.1} _{-0.1}	
Drawing				
<p>Charging(0.05C×48hrs) curves at various temperature</p>				
<p>Discharging (0.2C, 20°C) curves after charged at various temperature</p>				
<p>Temperature (Charge performance)</p>				
<p>Note:</p> <ul style="list-style-type: none"> *: Discharge capacity when the battery unit is discharged at 340mA to the 1.0V end voltage after being charged at 170mA for 16 hours ** : Please discharge to the 1.0V end voltage with 340mA before charging the battery unit. 				