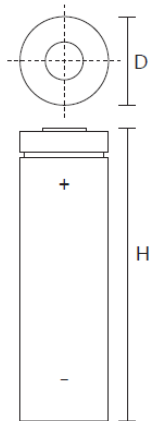


◆ CELLS CHARACTERISTICS

NVPF18650-B3		
Format	Cylindric 18650	
Capacity	Typical	1Ah
		3.5Wh
Nominal voltage	Nominal	3.7V
	Charge	4.2V
	Discharge	2V
Charge current	Standard	0.5A
	Maximum	10A
	Peak (10s, 50%)	30A
Discharge current	Standard	0.5A
	Maximum	15A
	Peak (10s, 50%)	35A
Internal Resistance	AC (1kHz)	15mΩ
Ambient temperature	Charge	0 to 60°C
	Discharge	-30° to 60°C
Energy Density	Volumetric	215Wh/L
	Gravimetric	105Wh/kg

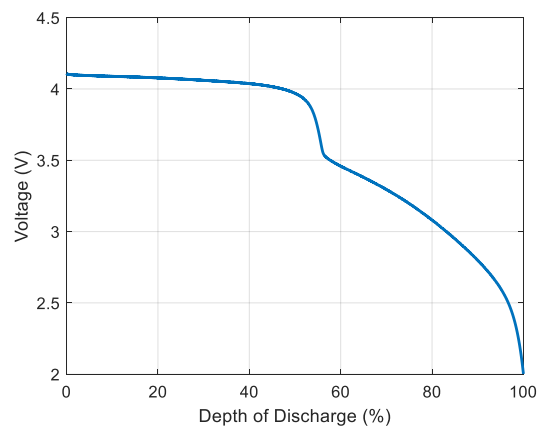
◆ PHYSICAL CHARACTERISTICS

NVPF18650-B3:

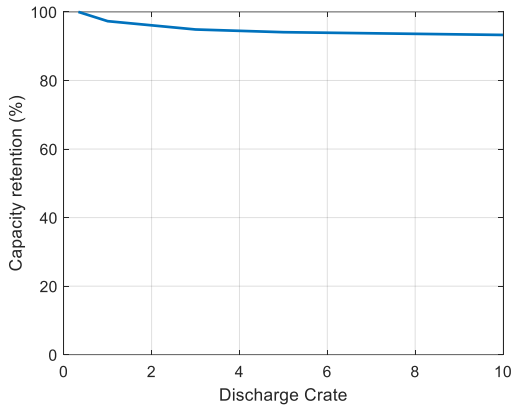


Shape	Cylindrical
Can	Steel
Dimensions:	
Diameter	18.3 ± 0.3mm
Height	65 ± 0.2mm
Weight	35 ± 2g

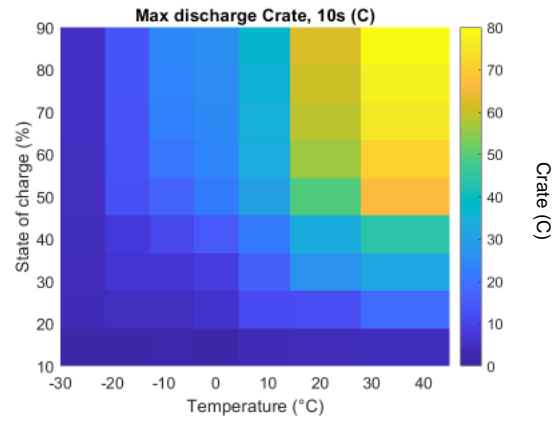
◆ VOLTAGE CHARACTERISTICS



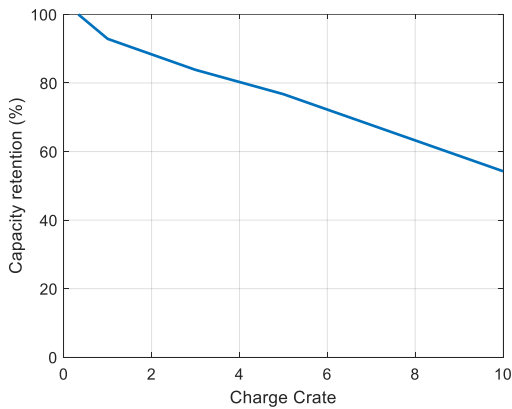
◆ DISCHARGE RATE CHARACTERISTICS



◆ POWER PERFORMANCES

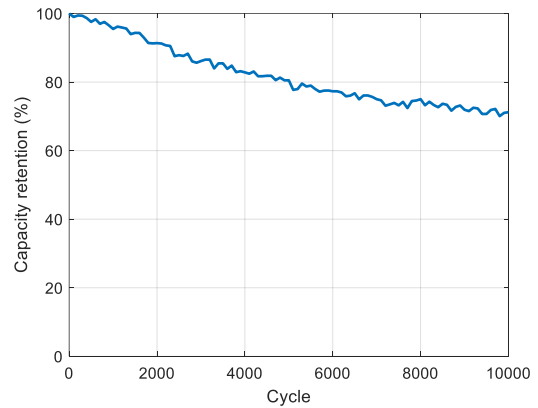


◆ CHARGE RATE CHARACTERISTICS

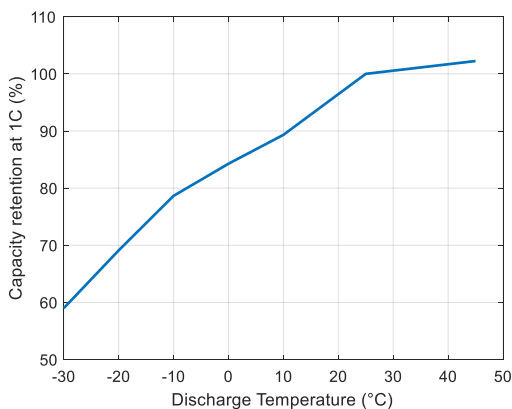


◆ CYCLING PERFORMANCES

Cycling conditions: 2C charge, 5C discharge from 2V to 4.2V at 25°C



◆ TEMPERATURE IMPACT CHARACTERISTICS



◆ LIFETIME PERFORMANCES

Test conditions: Storage at 40°C, 80% of SOC

