

INFORMATION

- PartnerID = "INRIM"
- instrument = Biologic BCS-815
- fixture = welded
- Manufacturer = "Brand1"
- NomValueCap (F) = 400 hybrid
- NuofSample = 1
- temperature (°C) = 5°C ± 1 °C
- I_{RC} (A) = 2
- I_{RM} (A) = 12

PARAMETERS

Ren (ohm) = 0.06548

Cen (F) = 353.76

Ccv (F) table

Scan rate (mV/s)	Area (mV*A)	Capacitance (F)
1	1128.119	352.53719
2	1958.596	306.03063
3	2667.625	277.8776

Pmax (W) = 55.14280

Stored Energy (Wh) = 0.41956

Cen computation values

initial_time (s) = 2022.52410

initial_voltage (V) = 3.65929

final_time (s) = 2265.86011

final voltage (V) = 2.20255

ESR voltage drop values

initial_voltage (V) = 3.79981

final voltage (V) = 3.66887

DIAGRAMS

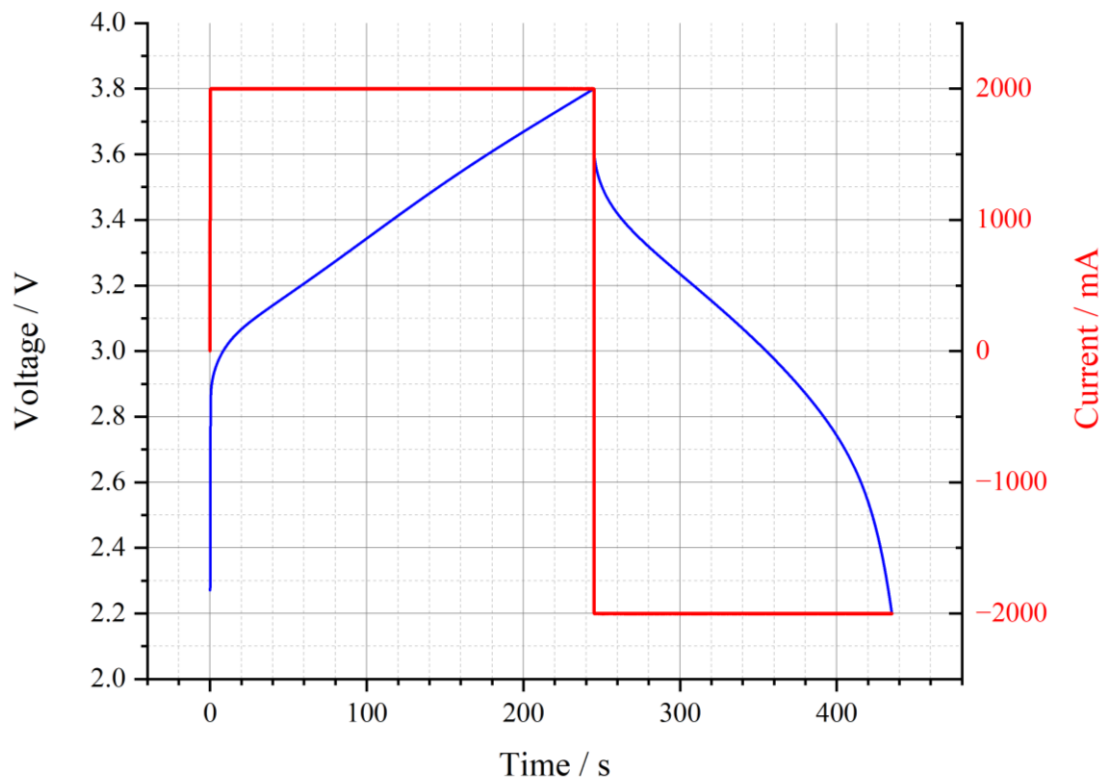


Figure1 Charge Discharge Method 400 F_Hybrid_1

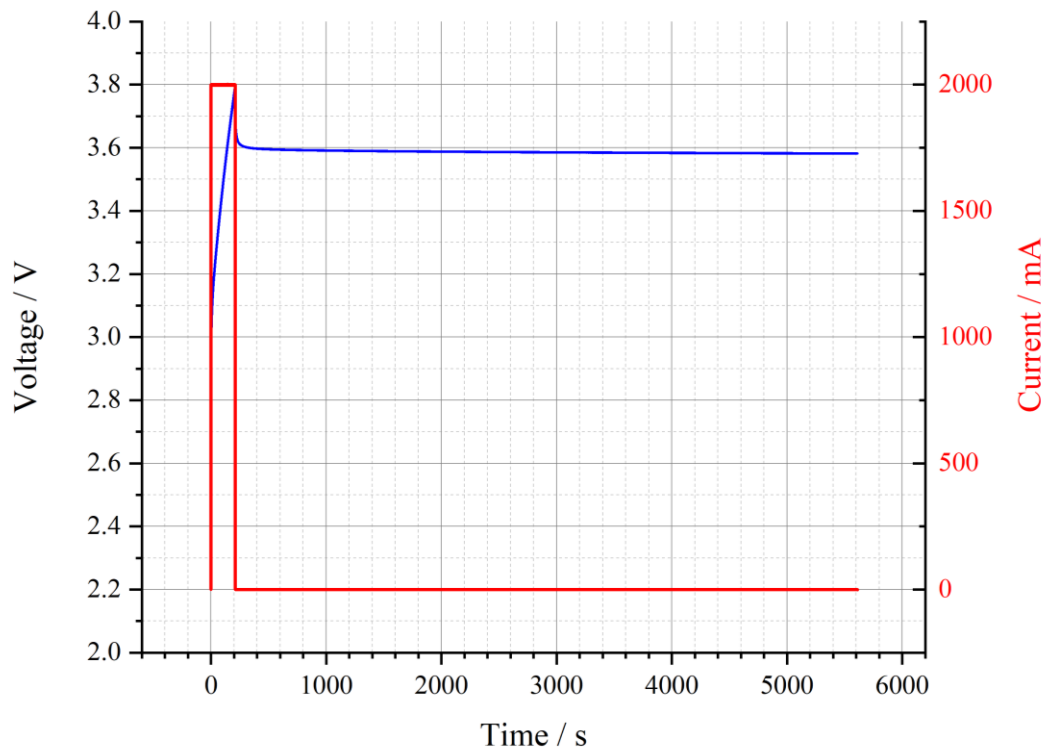


Figure 2 Charge Self-Discharge Method 400 F_Hybrid_1

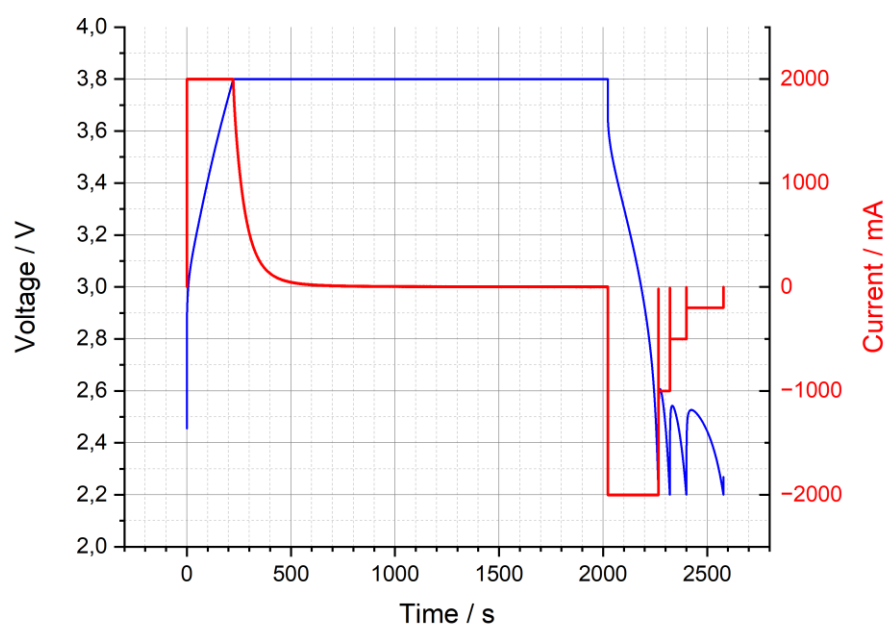


Figure 3 CCCV 400F_Hybrid_1

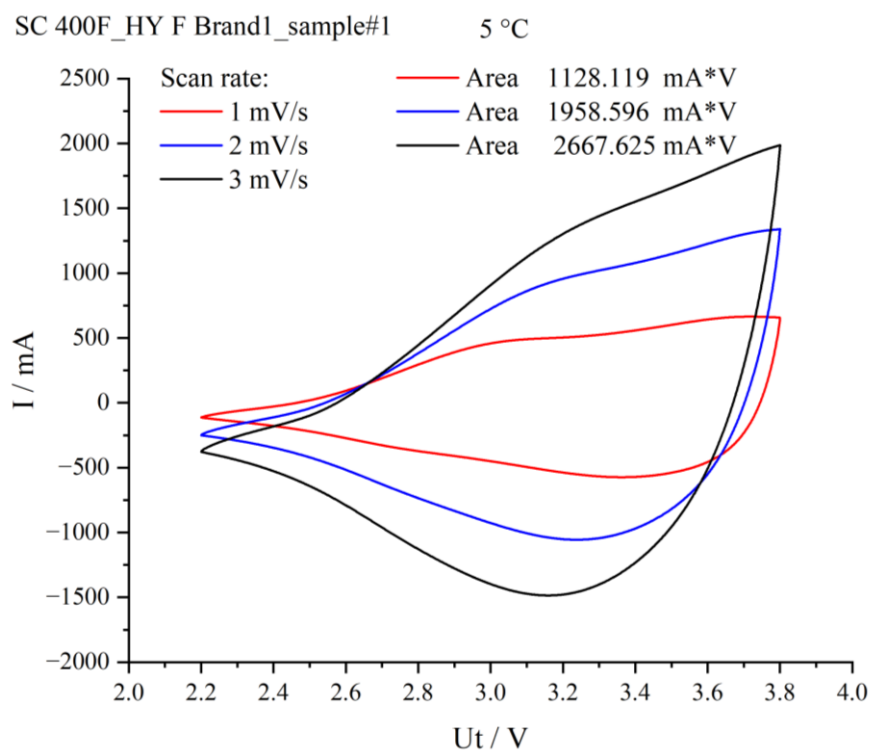


Figure 4 CV 400F_Hybrid_1