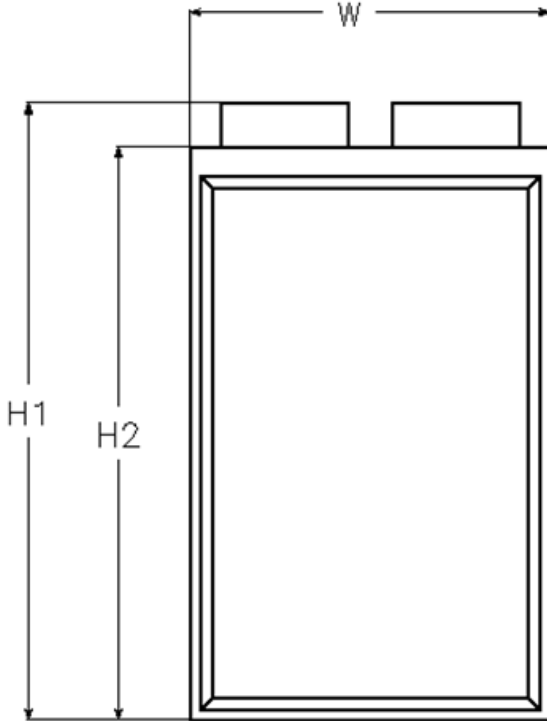


Cell Type: IMP06160230P25A Rechargeable Lithium-ion pouch cell based on high capacity NMC cathode technology.



Performance Specifications

Capacity (nominal)	25 Ah
Capacity (minimum)	23.5 Ah
Nominal Voltage	3.65 V
Cycle Life (>80%)	1000 cycles
Operating Temp.	-20°C to 60°C
Charging Temp.	0°C to 45°C
AC Impedance	≤ 2 mΩ
Gravimetric Energy	185 Wh/Kg
Energy Density *	410 Wh/L

* Without tabbing

Physical Specifications

Cell Width	161 mm
Cell Height (H2)	230 mm
Cell Height (H1)	240 mm
Cell Thickness (max)	6.0 mm
Cell Weight (typical)	485 g

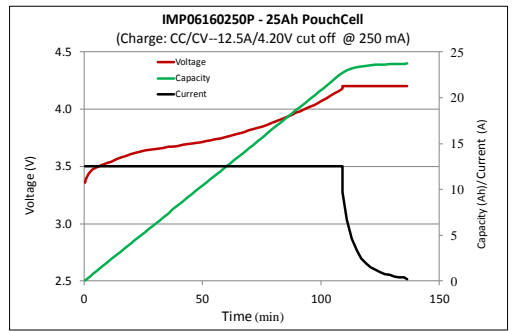
Discharge Characteristics

Discharge V (min)	2.0 V
Discharge max (continuous)	100 A (4C)
Discharge peak (10 sec.)	175 A (7C)

Charge Characteristics

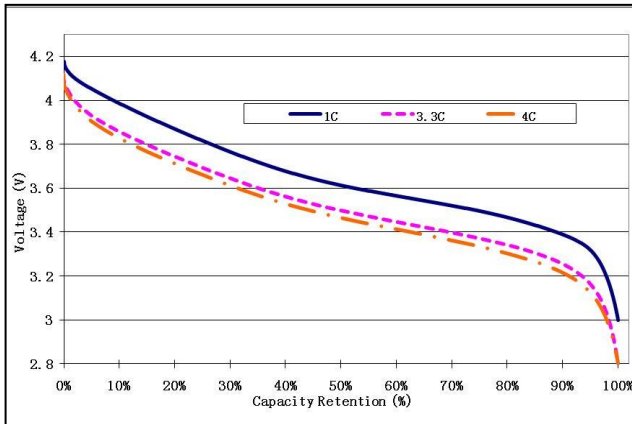
Charge Method	CC-CV
Max Charge Current	25A
Constant Voltage	4.15 - 4.20 V
Charge Termination	250 mA

Standard Charge Characteristics



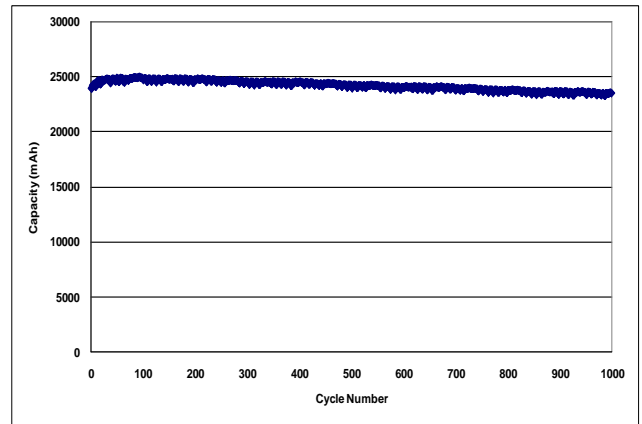
Discharge Rate Characteristics

(Charge 1.0C @25°C)



Cycle Life Characteristics

(Charge 1.0C, Discharge 1.0C, @25°C)



Specifications are subject to change without notice. Consult Farasis for the most current product information.