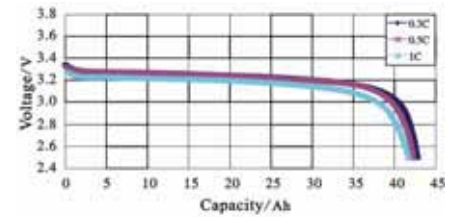


**LITHIUM ION BATTERY  
CA40AHA**

**Mesure**

**Discharge Curve in Normal Temperature**

**Technical Data**

Nominal Capacity		40 Ah @ 0.3C Discharging
Minimum Capacity		40 Ah @ 0.3C Discharging
Nominal Voltage		3.2 V
Internal Resistance		≤ 1 mΩ
Charging (CC-CV)	Maximum Charging Current	1 C
	Charging Upper Limit Voltage	3.65 V
Discharging	Maximum Discharging Current	2 C
	Discharging Cut-off Voltage	2.5 V
Charging Time	Standard Charging	4 h
	Quick-acting Charging	1 h
Recommended SOC Usage Window		SOC: 10% ~ 90%
Operation Thermal Ambient	Charging	0 °C ~ 45 °C
	Discharging	-20 °C ~ 55 °C
Storage Thermal Ambient	Short-term (within 1 month)	-20 °C ~ 45 °C
	Long-term (within 1 year)	-20 °C ~ 20 °C
Storage Humidity		<70%
Battery Weight		Around 1.4 kg
Shell Material		Plastic