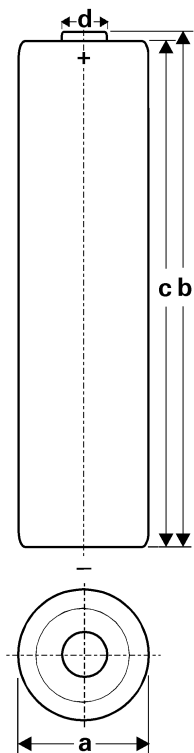


Data Sheet



Designation IEC (Draft) :	HR 17/50
Size:	A
Order No:	55127 201 052
Nominal Voltage:	1.2 V
Rated Capacity (0.2C / 1.0 V):	2450 mAh
Internal Resistance DC, fully charged:	30 mOhm
Impedance AC at 1kHz, fully charged:	20 mOhm
Typical Capacity at:	
0.2 C / 1.00 V:	2700 mAh
1.0 C / 0.97 V:	2450 mAh
2.0 C / 0.95 V:	2300 mAh
3.0 C / 0.90 V:	2200 mAh
Max Discharge Current (continuous/0.8 V):	8.1 A
Max Short Time Current (2 sec/0.75 V):	13.5 A
Dimensions (including shrink sleeve/label)	
Diameter a:	17.0 -1.0 mm
Height b:	50.0 -2.0 mm
Shoulder Height c:	49.0 -1.5 mm
Cap Diameter d:	8.5 -1.0 mm
Volume:	10.75 cm ³
Weight, approx:	40 g
Energy Density:	301 Wh/l
Specific Energy:	81 Wh/kg
Charge Conditions at:	
Standard Charge:	270 mA, 14-16 h
Accelerated Charge:	540 mA, 7-8 h
Fast Charge:	2700 mA (dT/dt, -dV)
Trickle Charge (0.03-0.05 C):	no
Temperatures (recommended / permissible) at:	
Storage:	-20 °C ... 30 °C / -20 °C ... 40 °C
Charge:	15 °C ... 30 °C / 0 °C ... 45 °C
Fast Charge:	15 °C ... 30 °C / 0 °C ... 45 °C
Discharge:	-10 °C ... 45 °C / -20 °C ... 60 °C
Life Expectancy at Cycling:	more than 500 cycles (analogous to IEC 285)

All data contained herein is for single cells.

For battery applications, performance data may vary from single cell data, depending on specific battery configuration.