

## Data Sheet<sup>1</sup>

Basic Cell Configuration ICR-18650 26F 1s

### Dimensions [mm]

Length (L) Max.71  
 Width (W) Max.19.5  
 Weight, approx. [g] 50

Contacts Wires AWG24 UL1007  
 red = +  
 black = -

### Electrical Parameter

Nominal Values [V] / [Wh] 3.7  
 Typical capacity [mAh] 2600 (0.2C at 20°C after 4.2V)  
 Minimum capacity C [mAh] 2500 (0.2C at 20°C after 4.2V)  
 Impedance initial [mΩ] < 150 @ 1kHz at 4.2V

Max. Charge [mA] 2600  
 Max. Charge Voltage [V] 4.20  
 Max. cont. Discharge [mA] 2600  
 Discharge Cut off [V] 3.00

Life expectancy 0.5C/0.5C [20°C Cycles] 300 >70% of initial capacity

Operating temperature [°C] Charge: 0 to 45  
 Discharge: -20 to 60

Humidity 65 +-20%RH  
 Storage Temperature 12 month at -20 to +35°C

### Safety Parameter PCM

Overcharge Det. Voltage 4.30 +-0.05 V  
 Overcharge Release Voltage 4.10 +-0.05 V  
 Overdischarge Det. Voltage 2.40 +-0.10 V  
 Overdischarge Rel. Voltage 3.00 +-0.10 V  
 Overcurrent Det. Range 3-6 A

### Delivery Status

Voltage 3.7 – 3.9V  
 Capacity 50-60%

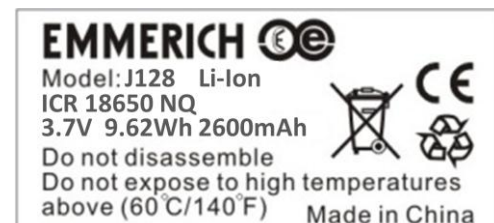
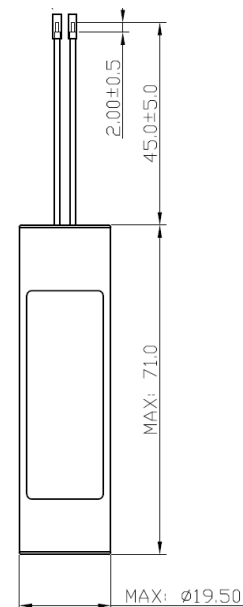
Label Custom

Shrink Sleeve Light Green

### Certifications

Cell UL1642  
 Battery UN38.3, ROHS

### Mechanical Drawing



<sup>1</sup> Prior to use read Handling Precaution and Prohibitions for Li-Ion Batteries  
 Subject to change without prior notice !