

# SHP350-40-TRIAL

Semi-Solid-State

NMC<sup>+</sup>

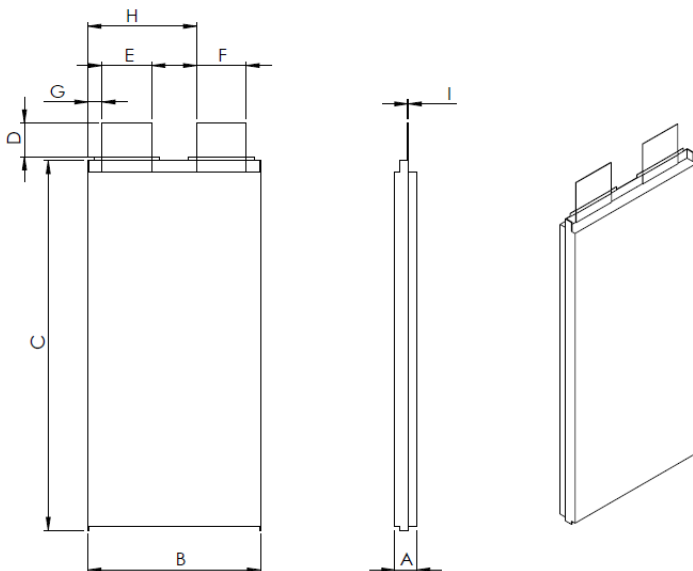
## Capacity / Voltages

|                |           |                 |         |        |
|----------------|-----------|-----------------|---------|--------|
| <b>Typical</b> | 40.00 Ah  | <b>Voltages</b> | Nominal | 3.55 V |
|                | 142.00 Wh |                 | Maximal | 4.2 V  |
|                |           |                 | Minimal | 2.75 V |

## Characteristics

|                       |             |           |                 |           |        |
|-----------------------|-------------|-----------|-----------------|-----------|--------|
| <b>Discharging</b>    | Ultrafast   | 3 C       | <b>Charging</b> | Ultrafast | 1.5 C  |
|                       | Fast        | 2.5 C     |                 | Fast      | 1 C    |
|                       | Standard    | 0.33 C    |                 | Standard  | 0.33 C |
| <b>Temperatures</b>   | Discharge   | -20-55°C  | Charge          | 0-45°C    |        |
| <b>Energy Density</b> | Gravimetric | 357 Wh/kg | Volumetric      | 794 Wh/l  |        |

## Dimensions



|          |                 |               |
|----------|-----------------|---------------|
| <b>A</b> | Thickness       | 11 ± 0.3 mm   |
| <b>B</b> | Width           | 87 ± 1 mm     |
| <b>C</b> | Length          | 187 ± 2 mm    |
| <b>D</b> | Tab length      | 18 ± 4mm      |
| <b>E</b> | Tab width       | 25 ± 0.5mm    |
| <b>F</b> | Tab width       | 25 ± 0.5mm    |
| <b>G</b> | Tab margin      | 7.2 ± 2mm     |
| <b>H</b> | Tab margin      | 56 ± 2 mm     |
| <b>I</b> | Tab thickness + | 0.5 ± 0.05 mm |
| <b>I</b> | Tab thickness - | 0.3 ± 0.05mm  |
|          | Weight          | 398 ± 10g     |

The information contained herein is for reference only and does not imply a performance guarantee or a product warranty. Specifications and characteristics are subject to change without prior notice. General tolerance according to ISO 2768-m-K. For more information and detailed specifications, please request the extended datasheet.



**WELION Energy Europe**

Contact Felix Greuel | mail: [info@welion-energy.com](mailto:info@welion-energy.com) | phone: +4915115521969

About us [www.welion-energy.com](http://www.welion-energy.com)