

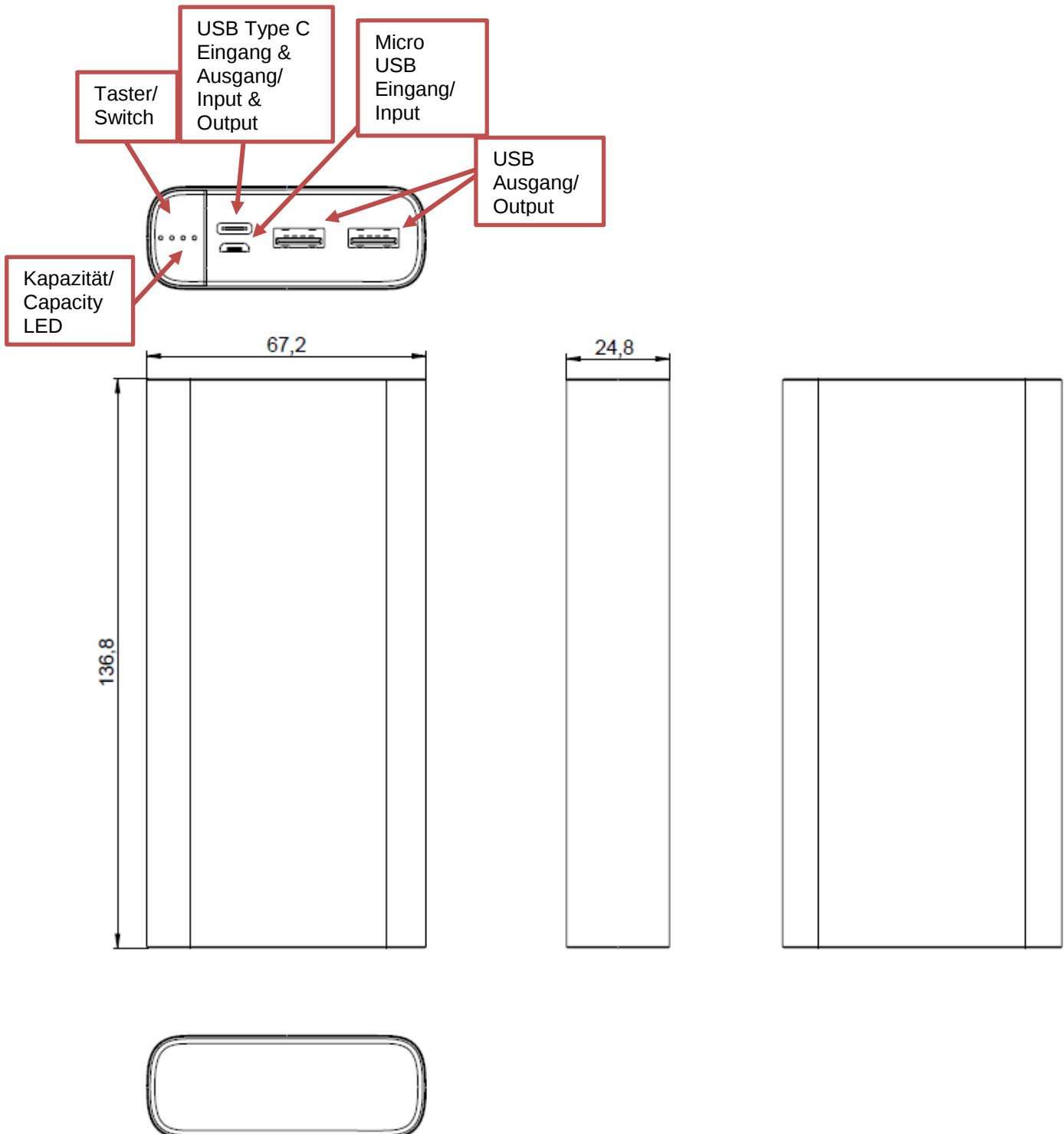


Produktname | *Product name*: Powerbank\_20000mAh\_18W\_PD  
 Artikelnummer | *Part Number*: 1700-0113  
 Anfragenummer | *Inquiry Number*: 810220  
 Modellbezeichnung | *Model name*: W2003  
 Ersteller / Datum | *Creator / Date*: LHE / 26.02.2019

| Version | Änderung / Change                             | Datum / Date | Name   |
|---------|-----------------------------------------------|--------------|--------|
|         |                                               |              |        |
|         |                                               |              |        |
|         |                                               |              |        |
| V2      | Charge time, temperature and shipment changed | 09.08.2019   | LHE/DC |
| V1      | Model name added                              | 29.04.2019   | LHE    |
| V0      | ---                                           | 26.02.2019   | LHE    |

Template name: ANSMANN xxxx-xxxx\_ODA, Template version: V28

**Zeichnung der Powerbank / Drawing of the power bank**



Allowable deviation / general tolerances DIN ISO 2768-c

## Technische Daten der Powerbank / Technical data of the power bank:



|                                  |                                                                       |                                        |                                                                             |
|----------------------------------|-----------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------|
| <b>Gehäuse:</b>                  |                                                                       | <b>Housing:</b>                        |                                                                             |
| Farbe:                           | anthrazit                                                             | Colour:                                | anthracite                                                                  |
| Material:                        | Aluminium                                                             | Material:                              | Aluminium                                                                   |
| <b>Eingang:</b>                  |                                                                       | <b>Input:</b>                          |                                                                             |
| -Micro USB Buchse                |                                                                       | -Micro USB socket                      |                                                                             |
| Eingangsspannung:                | 5 V $\pm$ 5 %                                                         | Input voltage:                         | 5 V $\pm$ 5 %                                                               |
| Eingangsstrom:                   | max. 2000 mA                                                          | Input current:                         | max. 2000 mA                                                                |
| -Typ C Buchse (PD+QC3.0):        |                                                                       | -Type C-socket (PD+QC3.0):             |                                                                             |
| Eingangsspannung:                | 5 V $\pm$ 5 %   9V $\pm$ 5 %                                          | Input voltage:                         | 5 V $\pm$ 5 %   9V $\pm$ 5 %                                                |
| Eingangsstrom:                   | max. 2000 mA                                                          | Input current:                         | max. 2000 mA                                                                |
| Ladezeit:                        | ca. 11 h (5V/2A)                                                      | Charging time:                         | approx. 11 h (5V/2A)                                                        |
| Ladezeit:                        | ca. 7 h 30 min (9V/2A)                                                | Charging time:                         | approx. 7 h 30 min (9V/2A)                                                  |
| Automatische Ladeabschaltung:    | I < 50mA                                                              | Auto. charge cut off:                  | I < 50mA                                                                    |
| <b>Ausgang:</b>                  |                                                                       | <b>Output:</b>                         |                                                                             |
| -1 USB Typ A (QC3.0):            |                                                                       | -1 USB Type A (QC3.0):                 |                                                                             |
| Ausgangsspannung                 | 5-6V   6-9V   9-12V $\pm$ 5 %                                         | Output voltage:                        | 5-6V   6-9V   9-12V $\pm$ 5 %                                               |
| Ausgangsstrom                    | 3A   2A   1.5A                                                        | Output current:                        | 3A   2A   1.5A                                                              |
| -2 USB Typ A (QC3.0):            |                                                                       | -2 USB Type A (QC3.0):                 |                                                                             |
| Ausgangsspannung                 | 5-6V   6-9V   9-12V $\pm$ 5 %                                         | Output voltage:                        | 5-6V   6-9V   9-12V $\pm$ 5 %                                               |
| Ausgangsstrom                    | 3A   2A   1.5A                                                        | Output current:                        | 3A   2A   1.5A                                                              |
| -Type C (PD+QC3.0):              |                                                                       | -Type C (PD+QC3.0):                    |                                                                             |
| Ausgangsspannung                 | 5-6V   6-9V   9-12V $\pm$ 5 %                                         | Output voltage:                        | 5-6V   6-9V   9-12V $\pm$ 5 %                                               |
| Ausgangsstrom                    | 3A   2A   1.5A                                                        | Output current:                        | 3A   2A   1.5A                                                              |
| USB Widerstandsbeschaltung       | Smart IC, Handy Dual-Role-Power, (DRP) mit Power-Role, Swap (PR_Swap) | USB Resistor network                   | Smart IC, smartphone Dual-Role-Power, (DRP) with Power-Role, Swap (PR_Swap) |
| Laden und Entladen gleichzeitig: | Möglich, jedoch nicht erlaubt                                         | Charge and discharge at the same time: | Possible, not allowed                                                       |
| Fehlererkennung:                 | Kurzschluss/ Überstrom/ Tiefentladung/ Überladung                     | Error detection:                       | Short circuit/ over current/ deep discharge/ over charge                    |
| <b>Anzeige:</b>                  |                                                                       | <b>Indication:</b>                     |                                                                             |
| -LED                             |                                                                       | -LED                                   |                                                                             |
| Anzahl LED:                      | 4                                                                     | Number of LED:                         | 4                                                                           |
| Ladung:                          | Anzeige der Kapazität in 25 % Schritten                               | Charge:                                | Shows capacity in 25 % steps                                                |

|                                                  |                                         |                                                   |                              |
|--------------------------------------------------|-----------------------------------------|---------------------------------------------------|------------------------------|
| Akku voll:                                       | Alle LEDs an                            | Battery full:                                     | All LEDs on                  |
| Anzeige bei Tastendruck:                         | Anzeige der Kapazität in 25 % Schritten | Indication when button is pressed:                | Shows capacity in 25 % steps |
| <b>Interne Zellen:</b>                           |                                         | <b>Internal cells:</b>                            |                              |
| Zellentyp:                                       | Prismatische Zelle                      | Cell type:                                        | Prismatic cell               |
| Zellenanzahl:                                    | 2                                       | Number of cells:                                  | 2                            |
| Zellenkonfiguration:                             | 1S2P                                    | Cell configuration:                               | 1S2P                         |
| Nominale Spannung:                               | 3.7 V                                   | Nominal voltage:                                  | 3.7 V                        |
| Kapazität:                                       | 10000 mAh x2                            | Capacity:                                         | 10000 mAh x2                 |
| Energiegehalt:                                   | 37 Wh x2 =74 Wh                         | Energy:                                           | 37 Wh x2 =74Wh               |
| Zellchemie:                                      | Li-Polymer                              | Cell chemistry:                                   | Li-Polymer                   |
| Lebenserwartung:<br>(C>60% der Mindestkapazität) | >500 Zyklen nach IEC                    | Life time expectance:<br>(C>60% of min. capacity) | >500 cycles acc. IEC         |
| <b>Temperaturen:</b>                             |                                         | <b>Temperatures:</b>                              |                              |
| -Betriebstemperatur:                             | -20 °C – 25 °C                          | -operating temperature:                           | -20 °C – 25 °C               |
| -Ladetemperatur:                                 | 0 °C – 25 °C                            | -charging temperature:                            | 0 °C – 25 °C                 |
| -max. Umgebungstemperatur:                       | -20 °C – 60 °C                          | -max. environment temperature:                    | -20 °C – 60 °C               |
| <b>Gewicht:</b>                                  | 390g                                    | <b>Weight:</b>                                    | 390g                         |

#### Technische Daten des Micro USB Kabels / Technical data of the micro USB cable:



|                  |                  |              |                  |
|------------------|------------------|--------------|------------------|
| Eingangsstecker: | USB type A       | Input plug:  | USB type A       |
| Ausgangsstecker: | Micro USB type B | Output plug: | Micro USB type B |
| Länge:           | 30cm ±10cm       | Length:      | 30cm ±10cm       |
| Farbe:           | Schwarz          | Colour:      | Black            |
| Kabel-Typ:       | Ladekabel        | Cable type:  | charging cable   |
| Gewicht:         | 9g               | Weight:      | 9g               |
| Material:        | PVC              | Material:    | PVC              |

#### Technische Daten des TypeC Kabels / Technical data of the TypeC cable:



|                  |                          |              |                                |
|------------------|--------------------------|--------------|--------------------------------|
| Eingangsstecker: | USB Type C               | Input plug:  | USB Type C                     |
| Ausgangsstecker: | USB Type C               | Output plug: | USB Type C                     |
| Länge:           | 30cm ±10cm               | Length:      | 30cm ±10cm                     |
| Farbe:           | Schwarz                  | Colour:      | Black                          |
| Kabel-Typ:       | 18W PD fähiges Ladekabel | Cable type:  | 18W PD possible charging cable |
| Gewicht:         | 9g                       | Weight:      | 9g                             |
| Material:        | PVC                      | Material:    | PVC                            |

## Allgemeine technische Daten / Common technical data:



|                  |                                                                                                                                                                  |                      |                                                                                                                                                                   |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lagertemperatur: | -20°C...30°C (≤1 Jahr)                                                                                                                                           | Storage temperature: | -20°C...30°C (≤1 year)                                                                                                                                            |
|                  | -20°C...45°C (≤3 Monate)                                                                                                                                         |                      | -20°C...45°C (≤3 months)                                                                                                                                          |
|                  | -20°C...60°C (≤1 Monat)                                                                                                                                          |                      | -20°C...60°C (≤1 month)                                                                                                                                           |
| Lieferumfang:    | <ul style="list-style-type: none"> <li>- Powerbank</li> <li>- Micro USB Kabel</li> <li>- TypeC USB Kabel</li> <li>- Mehrsprachige Bedienungsanleitung</li> </ul> | Shipment:            | <ul style="list-style-type: none"> <li>- Powerbank</li> <li>- Micro USB cable</li> <li>- TypeC USB cable</li> <li>- Multilingual operating instruction</li> </ul> |
| Verpackung:      | Farbige Faltschachtel                                                                                                                                            | Package:             | Coloured folding box                                                                                                                                              |