

Batteries used for products of MBV AG

| Batteries for Main Power Supply | | | Usage | | Shape | No. of cells | Cell type | Chemical system | Composition | Rechargeable | Total Voltage [V] | Total capacity | | Total weight [g] | UN 3480 UN 3481 UN 38.3 |
|---------------------------------|----------------|---|---|----------|----------------|--------------|---|---------------------|-------------|--------------|-------------------|----------------|-------|------------------|-------------------------------|
| Item No. MBV New / Old | Item No. Merck | Designation | Instrument | Quantity | | | | | | | | [mAh] | [Wh] | | |
| 101.934 / 01.1011.01 | N/A | 9V Alkaline battery | DA-100 DA-100 NT MAS-100 Regulus | 1 | Single Battery | 6 | Energizer Industrial 6LR61 ⁽¹⁾ | Zn-MnO ₂ | See SDS | No | 9 | 550 | 4.95 | 46 | N/A |
| | | | | | | | VARTA Industrial 6LP3146 ⁽¹⁾ | Zn-MnO ₂ | See SDS | No | 9 | 550 | 4.95 | 46 | N/A |
| | | | | | | | Ansmann X-Power 6LR61 ⁽¹⁾ | Zn-MnO ₂ | See SDS | No | 9 | 500 | 4.5 | 45 | N/A |
| 101.02.2009.01 / 02.2009.01 | MASECOBAT | NiMH 1.2 V battery | MAS-100 Eco | 2 | Single Battery | 1 | Ansmann C-4500mAh | Ni-MH | See SDS | Yes | 2.4 | 4'500 | 10.8 | 160 | N/A |
| 101.824 / 05.5009.02 | MCGEXBATP | NiMH battery pack for MAS-100 CG Ex | MAS-100 CG Ex | 1 | Battery Pack | 20 | Panasonic HHR380AL | Ni-MH | See SDS | Yes | 24 | 3'800 | 562.4 | 1'070 | N/A |
| 101.396 / 06.8002.02 | MASEXBATE | Li-Ion battery pack for MAS-100 NT Ex | MAS-100 NT Ex | 1 | Battery Pack | 2 | Sanyo UR18650FM ⁽²⁾ | Li-Ion | See SDS | Yes | 7.4 | 2'500 | 18.5 | 105 | Yes |
| | | | | | | | Panasonic NCR18650BF ⁽²⁾ | Li-Ion | See SDS | Yes | 7.2 | 3'250 | 24 | | Yes |
| 101.389 / 06.8002.03 | 1092080001 | Li-Ion battery pack for MAS-100 NT/VF/Atmos | MAS-100 NT MAS-100 VF MAS-100 Atmos | 1 | Battery Pack | 6 | Panasonic NCR18650B ⁽³⁾ | Li-Ion | See SDS | Yes | 7.2 | 10'000 | 72 | 300 | Yes |
| | | | | | | | Panasonic NCR18650BF ⁽³⁾ | Li-Ion | See SDS | Yes | 7.2 | 10'000 | 72 | 300 | Yes |

| Real Time Clock Batteries | | | Usage | | Shape | No. of cells | Cell type | Chemical system | Composition | Rechargeable | Total Voltage [V] | Total capacity | | Total weight [g] | UN 3480 UN 3481 UN 38.3 |
|---------------------------|----------------|---------------------------------------|---|----------|------------------------------|--------------|-----------------------------------|---------------------|-------------|--------------|-------------------|----------------|-------|------------------|-------------------------------|
| Item No. MBV New / Old | Item No. Merck | Designation | Instrument | Quantity | | | | | | | | [mAh] | [Wh] | | |
| 02.2022.01 | N/A | Lithium-Metal battery RTC MAS-100 Eco | MAS-100 Eco | 1 | Single Battery | 1 | Renata CR1620FH-LF ⁽⁴⁾ | Li-MnO ₂ | See SDS | No | 3 | 68 | 0.204 | 1.2 | Yes |
| | | | | | | | Renata CR1632FH-LF ⁽⁴⁾ | Li-MnO ₂ | See SDS | No | 3 | 125 | 0.375 | 1.8 | Yes |
| 130.0261 / 03.3122.01 | N/A | Button cell battery 3V type CR2032 | MAS-100 VF MAS-100 Atmos | 1 | Single Battery | 1 | Ansmann CR2032 | Li-MnO ₂ | See SDS | No | 3 | 230 | 0.69 | 3.0 | Yes |
| 06.8006.01 | 1194620001 | Timekeeper for MAS-100 NT | MAS-100 NT MAS-100 NT Ex MAS-100 Iso NT MAS-100 Iso MH | 1 | Single Battery over Clock-IC | 1 | Panasonic BR1632 ⁽⁵⁾ | Li-(CF) | See SDS | No | 3 | 120 | 0.36 | 1.5 | Yes |
| | | | | | | | Panasonic BR1225 ⁽⁵⁾ | Li-(CF) | See SDS | No | 3 | 48 | 0.144 | 0.8 | Yes |

⁽¹⁾ Either battery type can be used

⁽²⁾ Either battery type can be used

⁽³⁾ Either battery type can be used

⁽⁴⁾ Either battery type can be used

⁽⁵⁾ Either battery type can be used