



NEARLY MAINTENANCE-FREE

## MOLL 4-6 OPzV solar

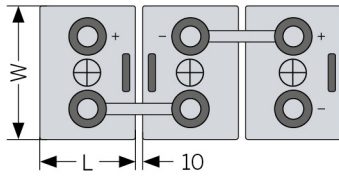
### SOLAR BATTERIES

The extremely robust design of the MOLL OPzV.solar battery makes it exceptionally well suited for the use in medium and large photovoltaic systems, such as in schools, for power supply in small villages and for backup and telecommunication systems. The fact that it does not require water refills makes it extremely low-maintenance. The battery offers maximum service life and cycle stability, thanks to its tubular plate design.

#### HIGHLIGHTS

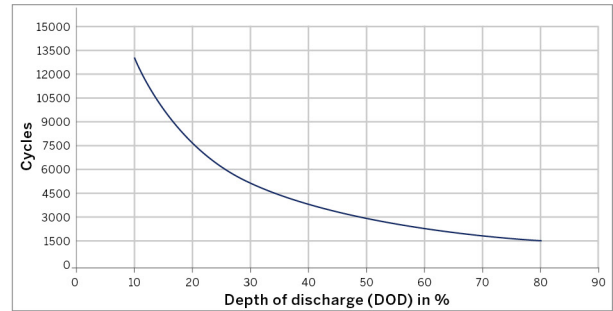
- Suited for medium and large photovoltaic systems
- Long cycle life thanks to robust tubular plate
- Corrosion-resistant electrodes
- Low-maintenance; no need to refill
- Sealed lead-gel battery with arc-back protection
- Casing made from high-quality impact-resistant plastic
- Reliable and safe

Dimensioned drawing OPzV.solar



4 OPzV.solar 330 up to  
6 OPzV.solar 930

Number of cycles as function of DOD (Depth of discharge)



## TECHNICAL DATA

| MOLL OPzV solar                  | 4/330      | 5/390      | 6/470      | 5/590      | 6/710      | 7/790      | 6/930      |
|----------------------------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Nominal voltage</b>           |            |            |            |            |            |            |            |
| Nominal voltage (V)              | 2          | 2          | 2          | 2          | 2          | 2          | 2          |
| <b>Capacity</b>                  |            |            |            |            |            |            |            |
| Nominal capacitance at C100 (Ah) | 329        | 394        | 473        | 587        | 705        | 785        | 932        |
| nominal capacitance at C20 (Ah)  | 262        | 314        | 378        | 296        | 596        | 666        | 794        |
| Nominal capacitance at C10 (Ah)  | 239        | 286        | 344        | 444        | 532        | 597        | 700        |
| nominal capacitance at C1 (Ah)   | 136        | 165        | 198        | 252        | 303        | 341        | 391        |
| <b>Weight</b>                    |            |            |            |            |            |            |            |
| Weight filled (kg)               | 20         | 23         | 28,8       | 32         | 36,7       | 41         | 52         |
| <b>Dimension</b>                 |            |            |            |            |            |            |            |
| Width (mm)                       | 208        | 208        | 208        | 208        | 208        | 208        | 208        |
| Height (mm)                      | 420        | 420        | 420        | 535        | 535        | 535        | 710        |
| Length (mm)                      | 105        | 126        | 147        | 126        | 147        | 168        | 147        |
| Articlenumber                    | 5200400003 | 5200400004 | 5200400005 | 5200400006 | 5200400007 | 5200400008 | 5200400009 |

29.07.2011

Your IBC SOLAR partner:

\* Product and power warranty in accordance with the version of the full warranty conditions received from your specialized IBC SOLAR partner at the time of installation. This warranty is valid only when the relevant product is installed in accordance with the applicable installation instructions. Subject to modifications that represent progress.