

# TECHNICAL DATA SHEET



|                                |                       |                                                                                     |  |
|--------------------------------|-----------------------|-------------------------------------------------------------------------------------|--|
| Type no.                       |                       | PRO P100 40                                                                         |  |
| Article no.                    |                       | 013600400101                                                                        |  |
| Standards                      |                       | DIN EN 50342-1, 50342-2                                                             |  |
| Application                    |                       | Starter battery                                                                     |  |
| Electrical data                |                       |                                                                                     |  |
| Rated voltage                  |                       | 12V                                                                                 |  |
| Rated capacity                 |                       | 100 Ah (K20)                                                                        |  |
| Cold start current             |                       | 820 A (EN)                                                                          |  |
| Dimensions and weights         |                       |                                                                                     |  |
| Box                            | H8                    |  |  |
| Length max.                    | 354mm                 |                                                                                     |  |
| Width max.                     | 175mm                 |                                                                                     |  |
| Box height max.                | 190mm                 |                                                                                     |  |
| Total height max.              | 190mm                 |                                                                                     |  |
| Battery weight                 | Ca. 24,0 kg (+/- 5 %) |                                                                                     |  |
| Electrolyte density            |                       | Approx. 1,28 kg/l                                                                   |  |
| Electrolyte                    |                       | Diluted sulphuric acid                                                              |  |
| Items/pallet                   |                       | 48                                                                                  |  |
| Pallet ID                      |                       | Euro pallet                                                                         |  |
| Items per layer                |                       | 12                                                                                  |  |
| Features                       |                       |                                                                                     |  |
| Base hold-down                 |                       | B13                                                                                 |  |
| Layout                         |                       | 0                                                                                   |  |
| Terminal                       |                       | 1                                                                                   |  |
| Separator                      |                       | PE envelope separator                                                               |  |
| Degassing                      |                       | Battery with central degassing                                                      |  |
| Flame arrester                 |                       | Integrated                                                                          |  |
| Performance identification     |                       | W4 - C2 - V2 - E2                                                                   |  |
| Maintenance <sup>1)</sup>      |                       |                                                                                     |  |
| Water consumption              |                       | W4                                                                                  |  |
| Refill water                   |                       | Distilled or demineralised (DIN 43530)                                              |  |
| Self-discharge                 |                       | Approx. 3 % per month                                                               |  |
| Charging current               |                       | Approx. 1/10 of the rated capacity                                                  |  |
| Charging voltage <sup>2)</sup> |                       | max. 14,8 V                                                                         |  |

<sup>1)</sup> All the listed values relate to room temperature +25° C

<sup>2)</sup> Recommendation with an external, voltage-regulated charge. Attention: Temperature compensation in case of deviation!

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