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| Type no.                      | 650 11   |  |
| Article no.                   | 010650110101                                       |  |
| Standards                     | DIN EN 50342-1, 50342-4                            |  |
| Application                   | Starter battery, high cranking current application |  |
| <b>Electrical data</b>        |  |  |
| Rated voltage                 | 12V  |  |
| Rated capacity                | 150 Ah (K20)                                       |  |
| Cold start current            | 1150 A (EN)  |  |
| <b>Dimensions and weights</b> |  |  |
| Box                           | A  |  |
| Length max.                   | 514mm  |  |
| Width max.                    | 189mm  |  |
| Box height max.               | 195mm  |  |
| Total height max.             | 220mm  |  |
| Battery weight                | Ca. 39,0 kg (+/- 5 %)                              |  |
| Electrolyte density           | Approx. 1,28 kg/l                                  |  |
| Electrolyte                   | Diluted sulphuric acid                             |  |
| Items/pallet                  | 24   |  |
| Pallet ID                     | Euro pallet  |  |
| Items per layer               | 8  |  |
| <b>Features</b>               |  |  |
| Base hold-down                | B00  |  |
| Layout                        | 3  |  |
| Terminal                      | 1  |  |
| Separator                     | PE bag separator                                   |  |
| Degassing                     | Battery with central degassing                     |  |
| Flame arrester                | Integrated   |  |
| Performance identification    | W3 - C2 - V3 - E2                                  |  |
| <b>Maintenance 1)</b>         |  |  |
| Water consumption             | W3   |  |
| Refill water                  | Distilled or demineralised (DIN 43530)             |  |
| Self-discharge                | Approx. 3 % per month                              |  |
| Charging current              | Approx. 1/10 of the rated capacity                 |  |
| Charging voltage 2)           | max. 14,8 V  |  |



1) All the listed values relate to room temperature +25° C  
 2) Recommendation with an external, voltage-regulated charge. Attention: Temperature compensation in case of deviation!

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