

| 电池特性                                    |                        | 电池照片   |       |         |       |       |       |       |       |       |       |
|---|------------------------|--|-------|---------|-------|-------|-------|-------|-------|-------|-------|
| 标称电压                                    | 12 V                   |  |       |         |       |       |       |       |       |       |       |
| 额定容量                                    | 100 Ah                 |  |       |         |       |       |       |       |       |       |       |
| 电池质量                                    | 33.1 kg                |  |       |         |       |       |       |       |       |       |       |
| 外形尺寸                                    |                        |  |       |         |       |       |       |       |       |       |       |
| 长                                       | 330 mm                 |  |       |         |       |       |       |       |       |       |       |
| 宽                                       | 171 mm                 |  |       |         |       |       |       |       |       |       |       |
| 高                                       | 213 mm                 |  |       |         |       |       |       |       |       |       |       |
| 总高                                      | 213 mm                 |  |       |         |       |       |       |       |       |       |       |
| 质量比能量                                   | 36.2 Wh/kg             |  |       |         |       |       |       |       |       |       |       |
| 体积比能量                                   | 100 Wh/dm <sup>3</sup> |  |       |         |       |       |       |       |       |       |       |
| 容量 (25°C, 77°F)                         |                        | 端子类型 M8×Φ20  |       |         |       |       |       |       |       |       |       |
| 3hr (33.3A, 10.5V)                      | 100 Ah                 |  |       |         |       |       |       |       |       |       |       |
| 20hr (6.00A, 10.5V)                     | 120 Ah                 |  |       |         |       |       |       |       |       |       |       |
| 5hr (21.0A, 10.5V)                      | 105 Ah                 |  |       |         |       |       |       |       |       |       |       |
| 2hr (46.5A, 10.5V)                      | 93 Ah                  |  |       |         |       |       |       |       |       |       |       |
| 荷电态内阻 (BITE3)                           | 4.2 mΩ                 |  |       |         |       |       |       |       |       |       |       |
| 初充电电流 (推荐)                              | 15 A                   |  |       |         |       |       |       |       |       |       |       |
| 最大放电电流(10s)                             | 900 A                  |  |       |         |       |       |       |       |       |       |       |
| 短路电流                                    | 2100 A                 |  |       |         |       |       |       |       |       |       |       |
| 浮充电压/单体                                 | 2.35 V                 |  |       |         |       |       |       |       |       |       |       |
| 均充电压/单体                                 | 2.45 V                 |  |       |         |       |       |       |       |       |       |       |
| 放电保护电压/单体                               | 1.75 V                 |  |       |         |       |       |       |       |       |       |       |
| 80%循环寿命                                 | 450 次                  |  |       |         |       |       |       |       |       |       |       |
| 100%循环寿命                                | 300 次                  |  |       |         |       |       |       |       |       |       |       |
|   |                        |  |       | 端子材料: 铜 |       |       |       |       |       |       |       |
|   |                        | 扭 矩: 12~15N·m  |       |         |       |       |       |       |       |       |       |
|   |                        | 产品执行标准: GB/T 32620.1-2016<br>电动道路车辆用铅酸蓄电池  |       |         |       |       |       |       |       |       |       |
|   |                        | 产品参考标准: IEC 61982-2012   |       |         |       |       |       |       |       |       |       |
| 恒电流放电参数表 (at 25°C, 77°F) —— 安 (A)       |                        |  |       |         |       |       |       |       |       |       |       |
| 终止电压<br>(伏/单体)                          | 放电时间 (分钟)              |  |       |         |       |       |       |       |       |       |       |
|   | 10                     | 20   | 30    | 45      | 60    | 90    | 120   | 180   | 300   | 600   | 1200  |
| 1.60                                    | 230.7                  | 158.1  | 126.2 | 101.7   | 89.99 | 62.18 | 47.54 | 33.93 | 21.32 | 11.15 | 6.06  |
| 1.65                                    | 225.5                  | 155.6  | 124.8 | 100.8   | 89.33 | 61.76 | 47.24 | 33.75 | 21.21 | 11.10 | 6.04  |
| 1.70                                    | 218.4                  | 151.9  | 122.6 | 99.5    | 88.37 | 61.22 | 46.87 | 33.52 | 21.12 | 11.05 | 6.02  |
| 1.75                                    | 209.2                  | 147.5  | 120.2 | 98.0    | 87.32 | 60.61 | 46.50 | 33.30 | 21.00 | 11.00 | 6.00  |
| 恒功率放电参数表 (at 25°C, 77°F) —— 瓦特 (W) / 单体 |                        |  |       |         |       |       |       |       |       |       |       |
| 终止电压<br>(伏/单体)                          | 放电时间 (分钟)              |  |       |         |       |       |       |       |       |       |       |
|   | 10                     | 20   | 30    | 45      | 60    | 90    | 120   | 180   | 300   | 600   | 1200  |
| 1.60                                    | 357.2                  | 252.8  | 209.8 | 175.6   | 157.7 | 116.3 | 92.9  | 66.9  | 42.0  | 21.9  | 11.37 |
| 1.65                                    | 349.2                  | 248.8  | 207.4 | 174.1   | 156.5 | 115.6 | 92.4  | 66.6  | 41.8  | 21.8  | 11.33 |
| 1.70                                    | 338.2                  | 242.9  | 203.8 | 171.7   | 154.8 | 114.5 | 91.6  | 66.1  | 41.6  | 21.7  | 11.28 |
| 1.75                                    | 324.0                  | 235.8  | 199.8 | 169.2   | 153.0 | 113.4 | 90.9  | 65.7  | 41.4  | 21.6  | 11.25 |

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 备注: 厂家保留随时改进的权利, 恕不另行通知!

