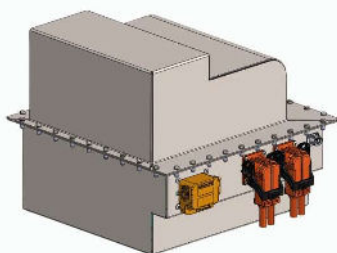
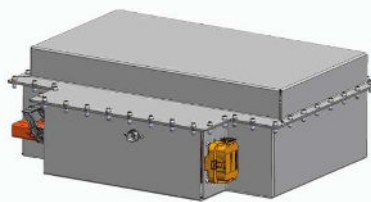


# LFP MODULAR BATTERY PACK

Technical characteristics



**High Battery**



**Flat Battery**

| PHYSICAL SPECIFICATIONS                     | CONDITIONS      | UNIT  | SUB-PACKS CONNECTED IN SERIES |           |           |           |
|---|-----------------|-------|-------------------------------|-----------|-----------|-----------|
|   |                 |       | 1*                            | 2         | 3         | 4         |
| <b>VOLTAGE</b>                              |                 |       |                               |           |           |           |
| Minimal                                     |                 | V     | 80                            | 160       | 240       | 320       |
| Nominal                                     |                 | V     | 102                           | 204       | 306       | 408       |
| End of charge                               |                 | V     | 116                           | 232       | 348       | 464       |
| <b>ENERGY / CAPACITY</b>                    |                 |       |                               |           |           |           |
| Embedded energy                             | C/3, BOL, @25°C | kWh   | 10.7                          | 21.4      | 32.1      | 42.8      |
| Embedded capacity                           | C/3, BOL, @25°C | Ah    | 105                           |           |           |           |
| <b>POWER**</b>                              |                 |       |                               |           |           |           |
| Continuous power in charge / in discharge   | SOC 50%, @25°C  | kW    | 5.4 / 14                      | 10.8 / 28 | 16.2 / 42 | 21.6 / 56 |
| 10s peak power in charge / in discharge     | SOC 50%, @25°C  | kW    | 11 / 23                       | 22 / 46   | 33 / 69   | 44 / 92   |
| <b>CURRENT**</b>                            |                 |       |                               |           |           |           |
| Continuous current in charge / in discharge | SOC 50%, @25°C  | A     | 55 / 140                      |           |           |           |
| 10s peak current in charge / in discharge   | SOC 50%, @25°C  | A     | 100 / 225                     |           |           |           |
| <b>MECHANICAL CHARACTERISTICS</b>           |                 |       |                               |           |           |           |
| Volume                                      | High Battery    | Liter | 68                            | 136       | 204       | 272       |
|   | Flat Battery    |       | 69                            | 138       | 207       | 276       |
| Weight                                      | High Battery    | kg    | 130                           | 260       | 390       | 520       |
|   | Flat Battery    |       | 130                           | 260       | 390       | 520       |
| Dimensions (L x W x H)                      | High Battery    | mm    | 469 x 450 x 420               |           |           |           |
|   | Flat Battery    |       | 674 x 489 x 242               |           |           |           |

\*Battery pack is also available for a nominal voltage of 51V.

SOC: State Of Charge BOL: Beginning Of Life

\*\*Depending on maximum cell temperature



**Possibility to connect in series or in parallel**

From 51 V to 408 V / From 10.7 to 42.8 kWh



**Connected**

Precious technical data gathering



**Repairable**

Screwed cell battery tabs



**Made in France**

Our battery packs are designed and assembled in France. We guarantee our customers high-quality products made locally.