

Novae is dedicated to developing and manufacturing the energy and power LIBs. Materials for anode of the battery cell include lithium iron phosphate, Ni-Co-Mn alloy and other chemical systems. Specifically, there are polymer LIBs, and large-capacity steel/aluminum shell LIBs, widely used for various EVs and energy storage devices.

### NCM Battery Series



| NO | Item                  | ENP2714893MA       | ENP27148130MB | ENP27148130MA | ENP27148130WA |
|----|-----------------------|--------------------|---------------|---------------|---------------|
| 1  | Classification        | Aluminum prismatic |               |               |               |
| 2  | Nominal capacity      | 37 Ah              | 40 Ah         | 58 Ah         | 52Ah          |
| 3  | Nominal voltage       | 3.65 V             | 3.65 V        | 3.65 V        | 3.65 V        |
| 4  | Energy density        | 166 Wh/kg          | 171 Wh/kg     | 164 Wh/kg     | 169 Wh/kg     |
| 5  | AC-impedance          | ≤0.8mΩ             | ≤0.8mΩ        | ≤0.8mΩ        | ≤1.0mΩ        |
| 6  | Weight                | 825±10g            | 850±10g       | 1290±10g      | 1125±15g      |
| 7  | Charge current        | 2C/4C(10s)         | 1C/2C(10s)    | 1C/2C(10s)    | 1C/2C(10s)    |
| 8  | Charge voltage        | 4.15V±0.05V        | 4.15V±0.05V   | 4.15V±0.05V   | 4.15V±0.05V   |
| 9  | Discharge current     | 3C/5C(30s)         | 2C/4C(30s)    | 2C/4C(30s)    | 2C/4C(30s)    |
| 10 | Discharge end voltage | 3.0 V              | 3.0 V         | 3.0 V         | 3.0 V         |



LFP Battery Series

| NO | Item                  | EFP27148130WA      | EFP27148130MA | EFP54175173WA | EFP54175200WA |
|----|-----------------------|--------------------|---------------|---------------|---------------|
| 1  | Classification        | Aluminum prismatic |               |               |               |
| 2  | Nominal capacity      | 40Ah               | 46Ah          | 150Ah         | 178Ah         |
| 3  | Nominal voltage       | 3.2 V              | 3.2 V         | 3.2 V         | 3.2 V         |
| 4  | Energy density        | 126 Wh/kg          | 139 Wh/kg     | 145Wh/kg      | 146 Wh/kg     |
| 5  | AC-impedance          | ≤0.8mΩ             | ≤0.9mΩ        | ≤0.35mΩ       | ≤0.3mΩ        |
| 6  | Weight                | 1010±10g           | 1060±20g      | 3300±20g      | 3880±20g      |
| 7  | Charge current        | 3C/4C(10s)         | 1C            | 0.5C          | 0.5           |
| 8  | Charge voltage        | 3.65 V±0.05V       | 3.65 V±0.05V  | 3.65 V±0.05V  | 3.65 V±0.05V  |
| 9  | Discharge current     | 5C/6C(10s)         | 2C            | 1C            | 1C            |
| 10 | Discharge end voltage | 2.0 V              | 2.0 V         | 2.0 V         | 2.0 V         |