**Readme-1087**

**Dataset Title**: Research data supporting the publication "A Groovy Laser Processing Route to Achieving High Power and Energy Lithium-ion Batteries"

Data files: Excel

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| **Name** | **Description** |
| Figure 4 | All electrochemical testing data in Figure 4 a, b, c, d, e, f, g, h |
| Figure 5 | Experimental and Modelling data in Figure 5 c, d, g, h, i, j |
| Figure 6 | Gravimetric capacity and volumetric capacity of all samples in Figure 6 a & d |
| Figure 7 | Battery cycling data in Figure 7 a |