

Cell List for Energy Storage Battery

Note: The standard size does not include the height of the battery pole lug. The size tolerance is $\pm 0.5\text{mm}$

| No. | Chemical System | Voltage (V) | Capacity (Ah) | Power (Watt-Hour) | Thickness (mm) | Width (mm) | Height (mm) | Height of pole lug (mm) | Weight (Kg) |
|---|-----------------|-------------|---------------|-------------------|----------------|------------|-------------|-------------------------|-------------|
| Square and cylindrical lithium iron phosphate battery (CATL) | | | | | | | | | |
| 1 | LiFePO4 | 3.2 V | 13.5 Ah | 43.2 WH | / | 35 | 150 | 4 | 0.28 |
| 2 | LiFePO4 | 3.2 V | 20 Ah | 64 WH | / | 34 | 188 | 4 | 0.36 |
| 3 | LiFePO4 | 3.2 V | 26 Ah | 83.2 WH | / | 40 | 159 | 4 | 0.46 |
| 4 | LiFePO4 | 3.2 V | 86 Ah | 275.2 WH | 48 | 174 | 128 | 5 | 2.12 |
| 5 | LiFePO4 | 3.2 V | 88 Ah | 281.6 WH | 52 | 148 | 103 | 4 | 1.61 |
| 6 | LiFePO4 | 3.2 V | 92 Ah | 294.4 WH | 29 | 174 | 203 | 4 | 2.14 |
| 7 | LiFePO4 | 3.2 V | 100 Ah | 320 WH | 34 | 200 | 168 | 4 | 1.96 |
| 8 | LiFePO4 | 3.2 V | 120 Ah | 384 WH | 48 | 174 | 166 | 4 | 2.8 |
| 9 | LiFePO4 | 3.2 V | 122 Ah | 390.4 WH | 74 | 149 | 103 | 4 | |
| 10 | LiFePO4 | 3.2 V | 125 Ah | 400 WH | 34 | 200 | 169 | 4 | 2.4 |
| 11 | LiFePO4 | 3.2 V | 132 Ah | 422.4 WH | 71 | 149 | 112 | 4 | 2.42 |
| 12 | LiFePO4 | 3.2 V | 142 Ah | 454.4 WH | 68 | 150 | 117 | 4 | |
| 13 | LiFePO4 | 3.2 V | 150 Ah | 480 WH | 34 | 200 | 204 | 4 | 2.94 |
| 14 | LiFePO4 | 3.2 V | 157 Ah | 502.4 WH | 34 | 200 | 204 | 4 | |
| 15 | LiFePO4 | 3.2 V | 173 Ah | 553.6 WH | 41 | 174 | 205 | 4 | 3.2 |
| 16 | LiFePO4 | 3.2 V | 202 Ah | 646.4 WH | 53 | 174 | 200 | 5 | 3.95 |
| 17 | LiFePO4 | 3.2 V | 228 Ah | 729.6 WH | 54 | 174 | 204 | 4 | 4.13 |
| 18 | LiFePO4 | 3.2 V | 238 Ah | 761.6 WH | 54 | 171 | 203 | 4 | 4.1 |
| 19 | LiFePO4 | 3.2 V | 240 Ah | 768 WH | 72 | 174 | 200 | 4 | 5.1 |
| 20 | LiFePO4 | 3.2 V | 271 Ah | 867.2 WH | 72 | 174 | 200 | 4 | 5.3 |
| 21 | LiFePO4 | 3.2 V | 280 Ah | 896 WH | 72 | 174 | 204 | 4 | 5.31 |
| 22 | LiFePO4 | 3.2 V | 302 Ah | 966.4 WH | 72 | 174 | 204 | 4 | 5.31 |
| 23 | LiFePO4 | 3.2 V | 310 Ah | 992 WH | 72 | 174 | 204 | 4 | 5.31 |
| Square lithium iron phosphate battery (EVE) | | | | | | | | | |
| 24 | LiFePO4 | 3.2 V | 50 Ah | 160 WH | 29 | 135 | 158 | 5 | 1.4 |
| 25 | LiFePO4 | 3.2 V | 80 Ah | 256 WH | 36 | 130 | 195 | 5 | 1.65 |
| 26 | LiFePO4 | 3.2 V | 90 Ah | 288 WH | 35 | 125 | 195 | 5 | 1.98 |
| 27 | LiFePO4 | 3.2 V | 105 Ah | 336 WH | 36 | 150 | 195 | 5 | 2.1 |
| 28 | LiFePO4 | 3.2 V | 280 Ah | 896 WH | 70 | 171 | 199 | 5 | 5.36 |
| Cylindrical lithium iron phosphate battery (Topband) | | | | | | | | | |
| 29 | LiFePO4 | 3.2 V | 12.5 Ah | 40 WH | 32 | 138 | | | 0.28 |
| 30 | LiFePO4 | 3.2 V | 15 Ah | 48 WH | 33 | 138 | | | 0.3 |
| Square lithium iron phosphate battery (Lisheng) | | | | | | | | | |
| 31 | LiFePO4 | 3.2 V | 20 Ah | 64 WH | 27 | 70 | 130 | 3 | 0.52 |
| Square ternary lithium battery Lithium-ion battery (CALT) | | | | | | | | | |
| 32 | Ternary Li-ion | 3.6 V | 7 Ah | 25.2 WH | 13 | 120 | 86 | 7 | 0.28 |
| 33 | Ternary Li-ion | 3.6 V | 8.6 Ah | 30.96 WH | 18 | 148 | 95 | 3 | 0.55 |
| 34 | Ternary Li-ion | 3.6 V | 37 Ah | 133.2 WH | 27 | 148 | 92 | 6 | 0.83 |
| 35 | Ternary Li-ion | 3.6 V | 50 Ah | 180 WH | 27 | 148 | 92 | 5 | 0.85 |

| | | | | | | | | | |
|---|----------------|-------|----------|-----------|------|-----|-----|---|-------|
| 36 | Ternary Li-ion | 3.6 V | 51 Ah | 183.6 WH | 27 | 148 | 92 | 5 | 0.84 |
| 37 | Ternary Li-ion | 3.6 V | 53 Ah | 190.8 WH | 29 | 148 | 98 | 5 | 0.96 |
| 38 | Ternary Li-ion | 3.6 V | 60 Ah | 216 WH | 29 | 149 | 98 | 5 | 0.96 |
| 39 | Ternary Li-ion | 3.6 V | 61 Ah | 219.6 WH | 29 | 149 | 98 | 5 | 0.96 |
| 40 | Ternary Li-ion | 3.6 V | 62 Ah | 223.2 WH | 29 | 149 | 98 | 5 | 0.96 |
| 41 | Ternary Li-ion | 3.6 V | 62.5 Ah | 225 WH | 29 | 149 | 98 | 5 | 0.97 |
| 42 | Ternary Li-ion | 3.6 V | 70 Ah | 252 WH | 29 | 148 | 98 | 4 | 0.96 |
| 43 | Ternary Li-ion | 3.6 V | 70 Ah | 252 WH | 39 | 148 | 92 | 5 | 1.26 |
| 44 | Ternary Li-ion | 3.6 V | 72 Ah | 259.2 WH | 40 | 148 | 92 | 5 | 1.24 |
| 45 | Ternary Li-ion | 3.6 V | 86 Ah | 309.6 WH | 42 | 172 | 85 | 5 | 1.42 |
| 46 | Ternary Li-ion | 3.6 V | 93 Ah | 334.8 WH | 42 | 172 | 85 | 5 | 1.42 |
| 47 | Ternary Li-ion | 3.6 V | 93 Ah | 334.8 WH | 27 | 228 | 102 | 5 | 1.46 |
| 48 | Ternary Li-ion | 3.6 V | 93.2 Ah | 335.52 WH | 43 | 173 | 85 | 5 | 1.42 |
| 49 | Ternary Li-ion | 3.6 V | 95 Ah | 342 WH | 36 | 180 | 98 | 5 | 1.44 |
| 50 | Ternary Li-ion | 3.6 V | 100 Ah | 360 WH | 50 | 147 | 102 | 4 | 1.76 |
| 51 | Ternary Li-ion | 3.6 V | 100 Ah | 360 WH | 52 | 148 | 96 | 5 | 1.66 |
| 52 | Ternary Li-ion | 3.6 V | 102 Ah | 367.2 WH | 52 | 148 | 96 | 5 | 1.7 |
| 53 | Ternary Li-ion | 3.6 V | 114 Ah | 410.4 WH | 52 | 148 | 103 | 4 | 1.82 |
| 54 | Ternary Li-ion | 3.6 V | 117 Ah | 421.2 WH | 33 | 220 | 102 | 4 | 1.72 |
| 55 | Ternary Li-ion | 3.6 V | 116.2 Ah | 418.32 WH | 27 | 302 | 91 | 4 | 1.74 |
| 56 | Ternary Li-ion | 3.6 V | 120 Ah | 432 WH | 52 | 148 | 103 | 4 | 1.76 |
| 57 | Ternary Li-ion | 3.6 V | 120 Ah | 432 WH | 45 | 220 | 83 | 4 | 1.8 |
| 58 | Ternary Li-ion | 3.6 V | 128 Ah | 460.8 WH | 78 | 142 | 102 | 4 | 2.8 |
| 59 | Ternary Li-ion | 3.6 V | 129 Ah | 464.4 WH | 41 | 227 | 102 | 4 | 1.96 |
| 60 | Ternary Li-ion | 3.6 V | 132 Ah | 475.2 WH | 57 | 148 | 103 | 4 | 2 |
| 61 | Ternary Li-ion | 3.6 V | 135 Ah | 486 WH | 56.5 | 148 | 103 | 4 | 1.94 |
| 62 | Ternary Li-ion | 3.6 V | 141 Ah | 507.6 WH | 31 | 305 | 100 | 5 | 2.14 |
| 63 | Ternary Li-ion | 3.6 V | 148 Ah | 532.8 WH | 79 | 149 | 97 | 5 | 2.54 |
| 64 | Ternary Li-ion | 3.6 V | 150 Ah | 540 WH | 79 | 149 | 97 | 5 | 2.6 |
| 65 | Ternary Li-ion | 3.6 V | 153 Ah | 550.8 WH | 79 | 148 | 96 | 5 | 2.6 |
| 66 | Ternary Li-ion | 3.6 V | 153 Ah | 550.8 WH | 79 | 148 | 103 | 4 | 2.65 |
| 67 | Ternary Li-ion | 3.6 V | 156 Ah | 561.6 WH | 45 | 218 | 102 | 4 | 2.3 |
| 68 | Ternary Li-ion | 3.6 V | 156 Ah | 561.6 WH | 79 | 148 | 103 | 4 | 2.68 |
| 69 | Ternary Li-ion | 3.6 V | 169 Ah | 608.4 WH | 71 | 148 | 103 | 4 | 2.5 |
| 70 | Ternary Li-ion | 3.6 V | 180 Ah | 648 WH | 79 | 148 | 103 | 4 | 2.7 |
| 71 | Ternary Li-ion | 3.6 V | 190 Ah | 684 WH | 80 | 148 | 102 | 4 | 2.78 |
| 72 | Ternary Li-ion | 3.6 V | 195 Ah | 702 WH | 79 | 148 | 103 | 3 | 2.8 |
| 73 | Ternary Li-ion | 3.6 V | 201 Ah | 723.6 WH | 86 | 148 | 103 | 3 | 3 |
| 74 | Ternary Li-ion | 3.6 V | 203 Ah | 730.8 WH | 86 | 148 | 103 | 4 | 3.1 |
| 75 | Ternary Li-ion | 3.6 V | 232 Ah | 835.2 WH | 67 | 221 | 103 | 4 | 3.44 |
| 76 | Ternary Li-ion | 3.6 V | 234 Ah | 842.4 WH | 67 | 221 | 103 | 4 | 3.44 |
| 77 | Ternary Li-ion | 3.6 V | 248 Ah | 892.8 WH | 67 | 220 | 112 | 4 | 3.7 |
| 78 | Ternary Li-ion | 3.6 V | 280 Ah | 1008 WH | 64 | 253 | 111 | 4 | 4.225 |
| Square ternary lithium battery Lithium-ion Battery (Samsung SDI) | | | | | | | | | |
| 79 | Ternary Li-ion | 3.6 V | 50 Ah | 180 WH | 27 | 148 | 92 | 4 | 0.86 |
| 80 | Ternary Li-ion | 3.6 V | 60 Ah | 216 WH | 29 | 148 | 98 | 4 | 0.96 |
| Square ternary lithium battery Lithium-ion Battery (Gotion) | | | | | | | | | |
| 81 | Ternary Li-ion | 3.6 V | 50 Ah | 180 WH | 27 | 148 | 95 | 5 | 0.9 |