

# LiFePO4 Battery Pack Data Sheet

Finished LiFePO4 packs in lead acid style ABS cases and in cylindrical cell assemblies.

Packs carry automatic protection for over-charge, over-discharge, over-current and over-temperature, with internal cell balancing. A 12.8V pack charges at 14.6V and cuts off at 10.0V.

Weight is about 40% to 50% of a comparable lead acid battery, and the packs can be charged using most standard lead acid chargers.

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## LFP12xx Packs In Lead Acid Style ABS Cases

| Model    | Nominal voltage (V) | Nominal Capacity (Ah) | Dimension T*W*H*TH (mm) | Cycles | Max. discharge current (A) | Weight (Kg) |
|----------|---------------------|-----------------------|-------------------------|--------|----------------------------|-------------|
| LFP1206  | 12.8                | 6                     | 151*65*94*100           | >=2000 | 6                          | 1.05        |
| LFP1207  | 12.8                | 7                     | 151*65*94*100           | >=2000 | 7                          | 1.06        |
| LFP1209  | 12.8                | 9                     | 151*65*94*100           | >=2000 | 9                          | 1.35        |
| LFP1224  | 12.8                | 24                    | 181*77*167              | >=2000 | 24                         | 3.0         |
| LFP1230  | 12.8                | 30                    | 165*175*125             | >=2000 | 30                         | 3.9         |
| LFP1254  | 12.8                | 54                    | 229*138*212*217         | >=2000 | 54                         | 6.7         |
| LFP12100 | 12.8                | 100                   | 328*172*215*220         | >=2000 | 100                        | 13.2        |
| LFP12150 | 12.8                | 150                   | 483*170*240             | >=2000 | 100                        | 19.2        |
| LFP12200 | 12.8                | 200                   | 522*238*218*220         | >=2000 | 100                        | 27.0        |

Dimension reads as T\*W\*H\*TH, where TH is the total height over the terminals.

## IFR26650 Cylindrical Cell Packs

| Model          | Nominal voltage (V) | Nominal Capacity (Ah) | Dimension T*W*H (mm) | Cycles | Max. discharge current (A) | Weight (Kg) |
|----------------|---------------------|-----------------------|----------------------|--------|----------------------------|-------------|
| IFR26650-12010 | 12.8                | 10                    | 151*98*95            | >=2000 | 20                         | 1.6         |
| IFR26650-12015 | 12.8                | 15                    | 155*115*75           | >=2000 | 30                         | 2.2         |
| IFR26650-12020 | 12.8                | 20                    | 182*77*170           | >=2000 | 40                         | 2.6         |
| IFR26650-12030 | 12.8                | 30                    | 267*77*170           | >=2000 | 60                         | 3.8         |
| IFR26650-12040 | 12.8                | 40                    | 223*120*175          | >=2000 | 80                         | 4.8         |
| IFR26650-12050 | 12.8                | 50                    | 223*150*178          | >=2000 | 75                         | 5.8         |

## 32700 Packs In ABS Cases

| Model   | Nominal voltage (V) | Nominal Capacity (Ah) | Dimension T*W*H*TH (mm) | Cycles | Max. discharge current (A) | Weight (Kg) |
|---------|---------------------|-----------------------|-------------------------|--------|----------------------------|-------------|
| LFP1206 | 12.8                | 6                     | 151*65*94*100           | >=2000 | 6                          | 1.05        |
| LFP1224 | 12.8                | 24                    | 181*77*167              | >=2000 | 24                         | 3.0         |
| LFP1230 | 12.8                | 30                    | 165*175*125             | >=2000 | 30                         | 3.9         |

| Model    | Nominal voltage (V) | Nominal Capacity (Ah) | Dimension T*W*H*TH (mm) | Cycles | Max. discharge current (A) | Weight (Kg) |
|----------|---------------------|-----------------------|-------------------------|--------|----------------------------|-------------|
| LFP1254  | 12.8                | 54                    | 229*138*212*217         | >=2000 | 54                         | 6.7         |
| LFP12100 | 12.8                | 100                   | 328*172*215*220         | >=2000 | 100                        | 13.2        |
| LFP12150 | 12.8                | 150                   | 483*170*240             | >=2000 | 100                        | 19.2        |
| LFP12200 | 12.8                | 200                   | 522*238*218*220         | >=2000 | 100                        | 27.0        |