

Product Catalogue

Every rechargeable battery Sunder Battery publishes, with its category, key specification and the page that carries the full parameter table. 74 products across four chemistries.

All figures on this sheet are published by Sunder Battery on sunderbattery.com. Nothing here is estimated. Where a value depends on a test condition, the condition is printed beside it.

LiFePO4 Battery Packs (43 products)

Product	Key specification	Page
10kWh battery	Product: 48V 10kWh 200Ah LiFePO4 battery · Model: ESS48200 · Size: 610*300*1065mm	/products/10kwh-battery.html
12.8V 200Ah LiFePO4 battery packs	Size: 243*258*391mm · Application: solar energy storage · Cycle life: more than 2000 times	/products/12-8v-200ah-lifepo4-battery-packs.html
12.8V 26650 lifepo4 battery	Dimension: 28*110*72mm · Model: IFR26650 4S1P · Weight: approx. 345g · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, power tools, e-boat, backup power supply and other products	/products/12-8v-26650-lifepo4-battery.html
12.8V 30Ah LiFePO4 battery	Product: lithium iron phosphate battery · Model name: LFP1230 · Plastic case: ABS · Cell and method: IFR32700, 4S5P	/products/12-8v-30ah-lifepo4-battery.html
12.8V 6Ah LiFePO4 battery	Product: lithium iron phosphate battery · Model name: LFP1206 · Plastic case: ABS · Cell and method: IFR32700, 4S1P	/products/12-8v-6ah-lifepo4-battery.html
12.8V 90Ah battery packs 1152Wh	Dimension: 150*215*195mm · Application: solar energy storage, solar street light, solar panel systems etc. · Cycle life: more than 2000 times · Weight: approx. 10Kg	/products/12-8v-90ah-battery-packs-1152wh.html
12.8V 9Ah lithium battery	Product: lithium iron phosphate battery · Model name: LFP1209 · Plastic case: ABS · Cell and method: IFR26650, 4S3P	/products/12-8v-9ah-lithium-battery.html
12V 100Ah LiFePO4 battery	Product: lithium iron phosphate battery · Model name: LFP12100 · Plastic case: ABS · Terminal: M8 · Cell and method: IFR32700, 4S17P	/products/12v-100ah-lifepo4-battery.html
12V 12Ah battery	Product: LiFePO4 battery 12V 12Ah · Model: IFR32700 4S2P · Application: solar streetlight, home power, energy storage systems etc.	/products/12v-12ah-lifepo4-battery.html
12V 150Ah LiFePO4 battery	Product: lithium iron phosphate battery · Model name: LFP12150 · Plastic case: ABS · Cell and method: IFR32700, 4S25P	/products/12v-150ah-lifepo4-battery.html
12V 200Ah lithium LiFePO4 battery	Product: lithium iron phosphate battery · Model name: LFP12200 · Plastic case: ABS · Cell and method: IFR32700, 4S34P	/products/12v-200ah-lithium-lifepo4-battery.html
12V 24Ah LiFePO4 battery	Product: lithium iron phosphate battery · Model name: LFP1224 · Plastic case: ABS · Cell and method: IFR32700, 4S4P	/products/12v-24ah-lifepo4-battery.html
12V 40Ah LFP battery	Size: 197*165*170mm · Waterproof ABS case: IP55 · Terminal: M6 · Application: solar energy storage, UPS, solar street lighting etc.	/products/12v-40ah-lfp-battery.html
12V 54Ah lithium LiFePO4 battery	Product: lithium iron phosphate battery · Model name: LFP1254 · Plastic case: ABS · Cell and method: IFR32700, 4S9P	/products/12v-54ah-lithium-lifepo4-battery.html
12V 7Ah lithium ion battery	Product: lithium iron phosphate battery · Model name: LFP1207 · Plastic case: ABS · Cell and method: IFR26650, 4S2P	/products/12v-7ah-lithium-ion-battery.html

Product	Key specification	Page
12V 90Ah LiFePO4 battery	Dimension: 161*263*249mm · Model: IFR26650 4S30P · Weight: approx. 11Kg · Cycle life: more than 2000 times · Application: solar street light, energy storage systems	/products/12v-90ah-lifepo4-battery.html
12V lithium ion battery	Product: 12V 4Ah LiFePO4 battery · Model: 26650 4S1P · Application: solar streetlight, solar power, energy storage systems	/products/12v-lithium-ion-battery.html
24V 20Ah LiFePO4 bateria	Dimension: 150*135*18mm · Application: energy storage, solar street light, solar panel systems, dragger etc. · Cycle life: more than 2000 times · Weight: approx. 5Kg	/products/24v-20ah-lifepo4-bateria.html
24V 50Ah LiFePO4 battery 1200Wh	Size: 150*190*250mm · Application: energy storage, solar street light, solar panel systems, dragger etc. · Cycle life: more than 2000 cycles · Weight: about 11Kg	/products/24v-50ah-lifepo4-battery-1200wh.html
24V lifepo4 battery	Product: 24V 100Ah lifepo4 battery · Model: 26650 8S30P · Application: energy storage systems, RV, golf cart etc.	/products/24v-lifepo4-battery.html
25.6V 36Ah LiFePO4 lithium battery	Size: 150*180*230mm · Application: energy storage, solar street light, solar panel systems, dragger etc. · Cycle life: over 2000 times · Weight: about 7.5Kg	/products/25-6v-36ah-lifepo4-lithium-battery.html
26650 9.6V lifepo4 battery 3Ah	Dimension: 28*80*72mm · Model: IFR26650 3S1P · Weight: approx. 260g · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, power tools, e-boat, backup power supply and other products	/products/26650-9-6v-lifepo4-battery-3ah.html
26650 LiFePO4 battery packs	Dimension: 53*53*68mm · Model: IFR26650 3S1P · Weight: approx. 260g · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, backup power supply etc.	/products/26650-lifepo4-battery-packs.html
26650 lithium battery	Product: 9.6V 3Ah LiFePO4 battery · Model: 26650 3S1P · Application: solar LED, solar light	/products/26650-lithium-battery.html
26650 lithium lifepo4 battery	Dimension: 53*276*72mm · Model: IFR26650 2S10P · Weight: approx. 1.8kg · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, power tools, e-boat, backup power supply and other products	/products/26650-lithium-lifepo4-battery.html
26650 rechargeable battery	Product: 3.2V 3300mAh LiFePO4 battery · Model: IFR26650 · Application: LED light, solar light	/products/26650-rechargeable-battery.html
3.2V 3300mAh lifepo4 battery	Dimension: 28*72mm · Model: IFR26650 · Weight: approx. 90g · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, power tools, e-boat, backup power supply and other products	/products/3-2v-3300mah-lifepo4-battery.html
32700 battery pack	Product: LiFePO4 battery 60.8V 24Ah · Model: 32700 19S4P · Dimension: 190*160*350mm	/products/32700-battery-pack.html
48V 5kWh LiFePO4 battery pack	Standard 19-inch box design · RS485 / RS232 communication output for monitoring · Safety and long cycle life more than 2000 times · Built-in BMS	/products/48v-5kwh-lifepo4-battery-pack.html
48V battery	Product: 48V 10Ah lifepo4 battery · Model: 26650 16S3P · Application: electric bike, electric bicycle, power tools	/products/48v-battery.html
48V lifepo4 battery	Product: 48V 50Ah lifepo4 battery · Model: ESS4850 · Size: 483*400*133mm	/products/48v-lifepo4-battery.html
48V lithium ion battery	Product: 48V 30Ah LiFePO4 battery · Model: 32700 15S5P · Dimension: 190*160*285mm	/products/48v-lithium-ion-battery.html
5120Wh LiFePO4 battery	Size: 243*258*721mm · Application: solar energy storage system · Cycle life: more than 2000 cycles	/products/5120wh-lifepo4-battery.html
5kWh battery	Product: 48V 100Ah 5kWh lifepo4 battery · Model: ESS48100 · Size: 442*470*150mm	/products/5kwh-battery.html

Product	Key specification	Page
6.4V lifepo4 battery pack	Dimension: 28*54*72mm · Model: IFR26650 2S1P · Weight: approx. 180g · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, power tools, e-boat, backup power supply and other products	/products/6-4v-lifepo4-battery-pack.html
Battery energy storage system	Product: 48V 1000Ah lifepo4 battery 50kWh · Dimension: 530*520*900mm · Application: household energy storage system	/products/battery-energy-storage-system.html
Battery storage	Product: 48V 200Ah LiFePO4 battery 10kWh · Dimension: 485*190*650mm · Application: household storage system	/products/battery-storage.html
Home battery storage	Product: 48V 100Ah 5kWh lifepo4 battery · Dimension: 500*171*500mm · Application: household, energy storage	/products/home-battery-storage.html
LiFePO4 battery 12V	Product: 12V 6Ah lifepo4 battery · Model: 32700 4S1P · Application: solar streetlight, solar monitoring	/products/lifepo4-battery-12v.html
LiFePO4 battery 12V 100Ah	Product: 32700 12V 100Ah battery · Model: 32700 4S17P · Application: solar energy storage, solar systems	/products/lifepo4-battery-12v-100ah.html
Rechargeable 26650 batteries	Product: LiFePO4 battery 6.4V 33Ah · Model: 26650 2S10P · Application: solar light, solar systems	/products/rechargeable-26650-batteries.html
Solar light battery	Product: 12V 45Ah solar light battery · Model: 26650 4S15P · Cycle life: more than 2000 times	/products/solar-light-battery.html
Solar rechargeable batteries	Product: 12V 30Ah LiFePO4 battery · Model: 32700 4S5P · Application: solar streetlight, solar systems	/products/solar-rechargeable-batteries.html

LiFePO4 Cell (17 products)

Product	Key specification	Page
100Ah battery	Product: 3.2V 100Ah LiFePO4 battery cell · Dimension: 36.8*130.5*200.5mm · Application: solar streetlight, solar energy storage	/products/100ah-battery.html
14500 cylinder LiFePO4 cell	Model: IFR14500 cell · Size: 14.5*49.5mm · Cycle life: more than 2000 times	/products/14500-cylinder-lifepo4-cell.html
18650 3.2V 1500mAh LiFePO4 cell	Model: IFR18650 · Dimension: 18.5*65.6mm · Weight: 45g · Cycle life: more than 2000 times · Application: portable solar power bank, LED lighting etc.	/products/18650-3-2v-1500mah-lifepo4-cell.html
26650 cylindrical LiFePO4 battery	Dimension: 26.5*65.5mm · Model: IFR26650 · Weight: approx. 85g · Cycle life: more than 2000 times · Application: solar lamps, solar street light etc.	/products/26650-cylindrical-lifepo4-battery.html
26650 lifepo4 cell	Product: 3.2V 4Ah LiFePO4 cell · Model: IFR26650 · Application: solar LED, solar lighting	/products/26650-lifepo4-cell.html
26650 LiFePO4 cell 3.2V 3300mAh	Dimension: 26.5*65.5mm · Model: IFR26650 · Weight: approx. 85g · Cycle life: more than 2000 times · Application: solar lamps, solar street light etc.	/products/26650-lifepo4-cell-3-2v-3300mah.html
3.2V 150Ah LiFePO4 cell	Dimension: 61.5*151.5*338.5mm · Model: LFP60150260 · Weight: approx. 5.0Kg · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, backup power supply etc.	/products/3-2v-150ah-lifepo4-cell.html
3.2V 200Ah LiFePO4 battery	Dimension: 71*182*279mm · Model: LFP71182279 · Weight: approx. 6.2Kg · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, power tools, e-boat, backup power supply and other products	/products/3-2v-200ah-lifepo4-battery.html
32700 lifepo4 battery	Product: 3.2V 6000mAh lifepo4 cell · Model: IFR32700 · Application: solar light, energy storage systems	/products/32700-lifepo4-battery.html

Product	Key specification	Page
32700 LiFePO4 cell 6000mAh	Model: IFR32700 · Dimension: 32.5*70.9mm · Weight: 145g · Application: solar street light, energy storage systems etc.	/products/32700-lifepo4-cell-6000mah.html
50Ah LiFePO4 battery	Dimension: 37*116.5*201mm · Model: LFP36115185 · Weight: approx. 1.5Kg · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, backup power supply etc.	/products/50ah-lifepo4-battery.html
LFP cell 180Ah	Dimension: 71*182*279mm · Weight: approx. 5.6Kg · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, backup power supply etc.	/products/lfp-cell-180ah.html
LiFePO4 280Ah	Product: 3.2V 280Ah LiFePO4 battery cell · Dimension: 72*174*205mm · Application: energy storage, electric wheelchair, golf cart, EV etc.	/products/lifepo4-280ah.html
LiFePO4 battery	Product: lifepo4 battery 280Ah 3.2V · Dimension: 72*174*205mm · Application: EV, solar energy storage	/products/lifepo4-battery.html
LiFePO4 battery 3.2V 100Ah	Dimension: 61.5*151.5*208.5mm · Model: LFP60150190 · Weight: approx. 3.2Kg · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, backup power supply etc.	/products/lifepo4-battery-3-2v-100ah.html
LiFePO4 battery 72Ah	Dimension: 29*135*222mm · Model: LFP29135222 · Weight: approx. 1.9Kg · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, EV, backup power supply etc.	/products/lifepo4-battery-72ah.html
Lithium iron phosphate battery 15Ah	Dimension: 27.5*71*140mm · Model: LFP2770130 · Weight: approx. 480g · Cycle life: more than 2000 times · Application: solar energy storage system, solar lamps, solar street light, power tools, e-boat, backup power supply and other products	/products/lithium-iron-phosphate-battery-15ah.html

18650 Li-ion Battery (8 products)

Product	Key specification	Page
11.1V lithium battery packs 40Ah 18650	Dimension: 190*115*75mm · Model: ICR18650 3S20P · Weight: approx. 3.0Kg · Cycle life: 500 times · Application: backup power, solar street light, energy storage etc.	/products/11-1v-lithium-battery-packs-40ah-18650.html
12V lithium ion battery 4400mAh	Dimension: 19*115*70mm · Model: ICR18650 3S2P · Weight: approx. 285g · Cycle life: 500 times · Application: power tools, backup power etc.	/products/12v-lithium-ion-battery-4400mah.html
14.8V 2200mAh lithium battery packs	Dimension: 38*38*70mm · Model: ICR18650 4S1P · Weight: approx. 200g · Cycle life: 500 times · Application: LED lighting, power sprayer etc.	/products/14-8v-2200mah-lithium-battery-packs.html
18650 lithium battery 18Ah	Model: ICR18650 1S7P · Single cell capacity: 2600mAh · Cycle life: over 500 cycles	/products/18650-lithium-battery-18ah.html
18650 lithium battery 3.7V 21Ah li-ion battery packs	Model: ICR18650 1S7P · Application: lighting, digital products, energy storage etc. · Cycle life: more than 500 times	/products/18650-lithium-battery-3-7v-21ah-li-ion-battery-packs.html
18650 lithium ion battery cell	Dimension: 18.5*65.5mm · Model: ICR18650 · Weight: approx. 45g · Cycle life: 500 times · Application: LED lighting, flashlight etc.	/products/18650-lithium-ion-battery-cell.html
18650 power tool battery 11.1V 18Ah	Dimension: 57*170*70mm · Model: ICR18650 3S9P · Weight: approx. 1.3Kg · Cycle life: 500 times · Application: electric drill, power tools, medical devices etc.	/products/18650-power-tool-battery-11-1v-18ah.html
Electric bike battery	Voltage: 24V / 36V / 48V · Capacity: 10Ah · Battery cell: 18650 lithium ion battery · Cycle life: more than 500 times · Application: e-bike, electric bicycle	/products/electric-bike-battery.html

Lithium Polymer Battery (3 products)

Product	Key specification	Page
3.7V lipo battery	Dimension: 5.2*20.5*32.5mm · Model: PL502030 · Weight: approx. 5g · Cycle life: 500 times · Application: bluetooth headset, bluetooth speaker, beauty equipment etc.	/products/3-7v-lipo-battery.html
Li-polymer battery 900mAh	Dimension: 6.2*30.5*50.5mm · Model: PL603048 · Weight: approx. 16.5g · Cycle life: 500 times · Application: bluetooth headset, bluetooth speaker, beauty equipment etc.	/products/li-polymer-battery-900mah.html
Lithium polymer battery 452530	Dimension: 4.7*25.5*32.5mm · Model: PL452530 · Weight: approx. 7g · Cycle life: 500 times · Application: bluetooth headset, bluetooth speaker, beauty equipment etc.	/products/lithium-polymer-battery-452530.html

Ni-MH Battery (3 products)

Product	Key specification	Page
1.2V Ni-MH battery	Model: AA type · Capacity: 1300mAh	/products/1-2v-ni-mh-battery.html
12V Ni-MH battery pack	Model: AA type · Capacity: 2000mAh	/products/12v-ni-mh-battery-pack.html
Robot vacuum cleaner battery	Voltage: 14.4V · Capacity: 3000mAh, 3300mAh, 3500mAh, 3800mAh, 4000mAh · Application: for iRobot Roomba 500 series	/products/robot-vacuum-cleaner-battery.html