

**DAKOTA**  **LITHIUM**

GO FURTHER. LAST LONGER. PLAY HARDER.

 **BROCK MOSLEY**

 1 x 12V 100Ah BATTERY - ELECTRONICS  
3 X 12V 100Ah BATTERY - TROLLING MOTOR



# HALF THE WEIGHT. TWICE THE POWER

All Dakota Lithium batteries are engineered with Lithium Iron Phosphate technology (LiFePO<sub>4</sub>) providing long lasting performance in the harshest environments. Allowing you to go further, last longer, and play harder.

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## 11 YEAR WARRANTY

Dakota Lithium offers a best in class 11 year pro-rated warranty on all of our batteries.

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## AMERICAN INNOVATION & USA BASED SUPPORT

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## SAFETY

Dakota Lithium has engineered the safest lithium battery technology on the market today - a battery that is safer than the one in your cellphone, camera, or laptop.

Here are a few examples of how we manage safety here at Dakota Lithium:

### **BATTERY MANAGEMENT SYSTEM (BMS)** - Ensures safety and long battery lifespan

All Dakota Lithium batteries include an active BMS protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life. Safety measures provided by the BMS prevent overheating. All Dakota Lithium batteries have a BMS that can support linking batteries in series or parallel.

### **LITHIUM IRON PHOSPHATE** - LiFePO<sub>4</sub>

Different Li-ion batteries use different chemistries. Dakota Lithium exclusively engineers our batteries using lithium iron phosphate or LiFePO<sub>4</sub> for short. Lithium Iron Phosphate batteries are the safest lithium battery chemistry. Unlike the cell phone battery in your pocket, or the laptop battery on your desk, the structural stability of LiFePO<sub>4</sub> results in significantly less heat generation compared to other lithium chemistries.

### **NO THERMAL RUNAWAY** - Dakota Lithium cells do not produce oxygen

The main cause of fire or explosion of a lithium ion battery is due to the cells being compromised or ruptured, which causes thermal runaway. Without proper management, thermal runaway may result in fire. Dakota Lithium LiFePO<sub>4</sub> is extremely stable and does not produce the oxygen needed to aid thermal runaway and unlike other lithium battery chemistries will not result in a catastrophic meltdown.

### **100% COBALT FREE** - No rare earth elements

NCM and other lithium ion chemistries that contain rare earth elements such as Colton or Cobalt produce oxygen and toxic fumes when ruptured, leading to fire. Dakota Lithium does not contain rare earth elements, and does not produce oxygen or is prone to fire.

### **CERTIFICATIONS** - Tested and certified for safety and reliability

Dakota Lithium batteries meet U.N. 38.3 standards and built from grade A cells. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. UN Manual of Tests and Criteria certified, and meets all US & International regulations for air, ground, marine, and train transport. Dakota Lithium is ISO Certified per 9001:2015 standards, and select models are produced in ISO 14001 certified facilities. IEC62133 certifications and additional laboratory services are available as required by our OEM clients.

### **INSTALLATION & CARE** - Treat your batteries right

When proper installation and battery care is followed, your LiFePO<sub>4</sub> battery will be safe and reliable for many years. This includes making sure all connections are tight and proper wiring sizes are used, compatible chargers and charging components are used, and the batteries are used for purposes that they are designed for.

# DAKOTA LITHIUM 12V 7AH BATTERY

Rated at 7 Amp Hours, this 12 Volt lithium battery packs a punch and is our smallest and lightest battery. The 7Ah is ideal for industrial purposes where you need a long lifespan battery that charges quickly, or for outdoor uses like hiking or camping where weight is at a premium. Crafted out of Lithium Iron Phosphate (LiFePO4) technology this is a battery built to last. With a lifespan of 2,000 charge cycles this battery will last up to 4 times longer than your typical SLA battery. 12 V LiFePO4 charger recommended.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

12 V 7 Ah 84 Wh

### SIZE

5.94" x 2.55" x 3.74"  
(151 x 65 x 95 mm)

### WEIGHT

2 lbs (0.90 Kg)

### STORAGE CAPACITY

7 Ampere Hours

### TERMINALS

Standard F2 terminals  
(6.35mm or 0.25" wide)

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

10 A max continuous,  
50 A max 300ms pulse  
9.0 V max discharge,  
11.0 V max recommended discharge  
For longest lifetime recommended discharge rate 1-5 Amps.

### CHARGE

10 A max. 14 V max recommended, 15 V max.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF TRADITIONAL BATTERIES

1/2

HALF THE WEIGHT

5x

CHARGES FIVE TIMES FASTER

4x

LASTS FOUR TIMES AS LONG

100%

SAFE AND RELIABLE



## SUITABLE FOR

REPLACEMENT FOR SLA 12V • HIKING, CAMPING, & OUTDOORS • FISH FINDERS & FLASHERS • INDUSTRY • ROBOTICS  
SOLAR LIGHTING • MOBILITY SCOOTERS • AND MORE

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

# DAKOTA LITHIUM 12V 10AH BATTERY

Rated at 10 Amp Hours this 12 Volt lithium battery packs a big punch. Built for extreme conditions, this is our most versatile battery with the perfect amount of juice for electronics like fish finders, flashers, solar lighting, power wheels, and scooters. Engineered with Lithium Iron Phosphate (LiFePO4) technology this battery has a lifespan of 2,000 charge cycles and will last up to 5 times longer than your typical SLA battery. 12 V LiFePO4 charger recommended.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

12 V 10 Ah 120 Wh

### SIZE

5.94" x 2.55" x 3.78"  
(151 x 65 x 96 mm)

### WEIGHT

2 lbs 12.32 oz (1.25 Kg)

### STORAGE CAPACITY

10 Ampere Hours

### TERMINALS

Standard F2 terminals  
(6.35mm or 0.25" wide)

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

20 A max continuous,  
50 A max 300mS pulse  
9.0 V max discharge,  
11.0 V max recommended discharge  
For longest lifetime recommended discharge rate 1-5 Amps.

### CHARGE

10 A max. 14 V max recommended, 15 V max.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF  
TRADITIONAL BATTERIES

1/2

HALF  
THE WEIGHT

5x

CHARGES FIVE  
TIMES FASTER

4x

LASTS FOUR  
TIMES AS LONG

100%

SAFE AND  
RELIABLE



## SUITABLE FOR

FISH FINDERS, FLASHERS & BOATING ELECTRONICS • ICE FISHING • INDUSTRIAL BATTERIES • MOBILITY SCOOTERS • SOLAR LIGHTING  
ROBOTICS • HIKING • CAMPING • REMOTE POWER • AND MORE

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.



 **SUP AND SKIFF OUTFITTERS**

-  1 x 12V 23Ah BATTERY - FISH FINDER
- 1 X 12V 54Ah BATTERY - TROLLING MOTOR

# DAKOTA LITHIUM 12V 18AH BATTERY

Our 12 Volt 18 Amp Hours lithium battery packs a big punch in a small package. Engineered in a 12Ah SLA case, but with 18Ah of Lithium Iron Phosphate (LiFePO4) technology, this battery has three times the power, half the weight, and lasts 4 times longer than a 12Ah sealed lead acid battery – providing exceptional performance and lifetime value. Optimal performance down to minus 20 degrees Fahrenheit (for winter warriors). 18 Amp hours of capacity provides a full day of power for high amp draw electronics like Garmin fish finders, ice augers, or anything where you need a longer run time. Same performance as our legendary 10 Ah battery, but with 80% more capacity. Drop in replacement for 12Ah SLA batteries (same size, physical dimensions & terminals) but with three times (3X) longer run time. 12V LiFePO4 charger recommended.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

12 V 18 Ah 216 Wh

### SIZE

5.94" x 3.95" x 3.78"  
(151 x 99 x 96 mm)

### WEIGHT

6.4 lbs (2.9Kg)

### STORAGE CAPACITY

18 Ampere Hours

### TERMINALS

Standard F2 terminals  
(6.35mm or 0.25" wide)

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

18 A max continuous,  
50 A max 300mS pulse  
9.0 V max discharge,  
11.0 V max recommended discharge  
For longest lifetime recommended discharge rate 1-5 Amps.

### CHARGE

9 A max. 14 V max recommended, 15 V max.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF TRADITIONAL BATTERIES

1/2

HALF THE WEIGHT

5x

CHARGES FIVE TIMES FASTER

4x

LASTS FOUR TIMES AS LONG

100%

SAFE AND RELIABLE



## SUITABLE FOR

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

FISH FINDERS, FLASHERS & BOATING ELECTRONICS • ICE FISHING • INDUSTRIAL BATTERIES • MOBILITY SCOOTERS • TRAIL CAMERAS  
ROBOTICS • HIKING • CAMPING • REMOTE POWER • AND MORE

# DAKOTA LITHIUM 12V 23AH BATTERY

This 12 Volt 23 Amp Hours lithium battery packs a big punch, providing a full day of power for high amp draw electronics like fish finders, ice augers, or anything where you need a longer run time. . Engineered with Lithium Iron Phosphate (LiFePO4) technology this battery has the same performance as our legendary 10 Ah battery, but with 130% more capacity. Replacement for 20Ah SLA batteries. 12 V LiFePO4 charger recommended..

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

12 V 23 Ah 276 Wh

### SIZE

7.12" x 3.03" x 6.57"  
(181 x 77 x 167 mm)

### WEIGHT

6.4 lbs (2.9 Kg)

### STORAGE CAPACITY

23 Ampere Hours

### TERMINALS

Bolt size - M5

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

24 A max continuous,  
60 A max 10-second pulse  
9.0 V max discharge,  
11.0 V max recommended discharge

### CHARGE

15 A max.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF TRADITIONAL BATTERIES

1/2

HALF THE WEIGHT

5x

CHARGES FIVE TIMES FASTER

4x

LASTS FOUR TIMES AS LONG

100%



## SUITABLE FOR

FISH FINDERS, FLASHERS & BOATING ELECTRONICS • ICE FISHING • INDUSTRIAL BATTERIES • MOBILITY SCOOTERS • TRAIL CAMERAS  
ROBOTICS • HIKING • CAMPING • REMOTE POWER • AND MORE

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

# DAKOTA LITHIUM 12V 23AH BATTERY

Built for exceptional performance, energy density, and versatility this Dakota Lithium 12V 23Ah packs a big punch in a small package. With both USB 3.0 waterproof plugs, standard F2 Terminals, and a built in volt meter, this battery gives you freedom, power, and reliability. Engineered with Lithium Iron Phosphate (LiFePO4) technology this battery has the same performance as our legendary 10 Ah battery, but with 130% more capacity. 12 V LiFePO4 charger recommended.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

12 V 23 Ah 276 Wh

### SIZE

5.94" x 5.11" x 3.8"  
(152 x 130 x 99 mm)

### WEIGHT

6 lbs (2.7 Kg)

### STORAGE CAPACITY

23 Ampere Hours

### TERMINALS

Standard F2 terminals  
(6.35mm or 0.25" wide)

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

24 A max continuous,  
60 A max 10-second pulse  
9.0 V max discharge,  
11.0 V max recommended discharge

### CHARGE

15 A max.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF TRADITIONAL BATTERIES

1/2

HALF THE WEIGHT

5x

CHARGES FIVE TIMES FASTER

4x

LASTS FOUR TIMES AS LONG

100%

SAFE AND RELIABLE



## SUITABLE FOR

FISH FINDERS, FLASHERS & BOATING ELECTRONICS • ICE FISHING • INDUSTRIAL BATTERIES • MOBILITY SCOOTERS • TRAIL CAMERAS  
ROBOTICS • HIKING • CAMPING • REMOTE POWER • AND MORE

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

# DAKOTA LITHIUM 12V 46AH BATTERY

Our 12 Volt 46 Amp Hours battery is built for Summers – long days, big sky, great fishing. We built this battery to make the most of the season by combining our legendary Lithium Iron Phosphate cells with a time tested 46 Ah waterproof box. Rated to 54 Amp Hours of capacity, this battery thrives in the deep cycle, providing continuous power for a long time. Perfect for 12 Volt kayak trolling motors for full day adventures, off-grid music systems, or any 12 Volt electronics where you need hours of power.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

12 V 54 Ah 648 Wh

### SIZE

7.6" x 5.1" x 6.8"  
(194 x 132 x 173 mm)

### WEIGHT

10.5 lbs (4.75 Kg)

### STORAGE CAPACITY

46 Ampere Hours

### TERMINALS

Bolt size - M6

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

50 A max continuous,  
100 A max 10-second pulse  
9.0 V max discharge,  
11.0 V max recommended discharge

### CHARGE

23 A max.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

**200%**  
TWICE THE POWER OF  
TRADITIONAL BATTERIES

**1/2**  
HALF  
THE WEIGHT

**5x**  
CHARGES FIVE  
TIMES FASTER

**4x**  
LASTS FOUR  
TIMES AS LONG

**100%**  
SAFE AND  
RELIABLE



## SUITABLE FOR

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

TROLLING MOTORS • 12 VOLT ELECTRONICS • BOATING & FISHING ELECTRONICS • OFF GRID SPEAKERS • BOATING / MARINE DEEP CYCLE • EMERGENCY POWER • REMOTE POWER • OUTDOOR ADVENTURES • AND MORE

📷 SAM SOHOLT

🔋 2 x 12V 100Ah BATTERIES

OAM  
ENTURE CO.

ARIZONA 20  
TR7033  
VEHICLE DEALER

COOK  
PARTNER



# DAKOTA LITHIUM 12V 100AH BATTERY

Our 12 Volt 100 Amp Hours battery is our flagship model, perfect for a wide variety of applications, this battery excels in the deep cycle where you need hours of dependable power. Built with our legendary Lithium Iron Phosphate (LiFePO4) technology the 100 Ah battery provides exceptional performance combined with a long lifespan. With 2,000+ recharge cycles (and up to 5,000 under ideal charging conditions) the 100 Ah provides 5 X the lifespan of a lead acid battery.

Combine 2 for 24 Volts or 3 for a 36 Volt system. Perfect for solar panel storage applications.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

12 V 100 Ah 1280 Wh

### SIZE

12.99" x 6.77" x 8.66"  
(330 x 172 x 220 mm)

### WEIGHT

31.9 lbs (14.5 Kg)

### STORAGE CAPACITY

100 Ampere Hours

### TERMINALS

Bolt size - M8

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

100 A max continuous,  
200 A max 10-second pulse  
9.0 V max discharge,  
11.0 V max recommended discharge

### CHARGE

50 A max.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

**200%**  
TWICE THE POWER OF  
TRADITIONAL BATTERIES

**1/2**  
HALF  
THE WEIGHT

**5x**  
CHARGES FIVE  
TIMES FASTER

**4x**  
LASTS FOUR  
TIMES AS LONG

**100%**  
SAFE AND  
RELIABLE



## SUITABLE FOR

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

TROLLING MOTORS • RVS • BOATING & SAILBOAT BATTERIES • OVERLAND VEHICLES • GOLF CARTS • ELECTRIC VEHICLES  
SOLAR STORAGE • DIY POWERWALLS • HOME ENERGY STORAGE • EMERGENCY POWER • AND MORE

# DAKOTA LITHIUM 12V 200Ah BATTERY

When you go off grid you need to be prepared for all that mother nature can throw at you. With the 12V 200Ah we built an energy dense battery ready for long nights in the ice hut, or long days rolling the open road in your RV. Packed with Lithium Iron Phosphate (LiFePO<sub>4</sub>) technology this is a battery built to last. With a lifespan of 2,000 charge cycles this battery will last up to 5 times longer than your typical SLA battery, providing exceptional value over time for electric vehicle owners, off grid solar users, and RV adventurers.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

12 V 200 Ah 2400 Wh

### SIZE

20.6" x 9.3" x 8.66"  
(522 x 238 x 220 mm).

### WEIGHT

59 lbs (26.7 kg)

### STORAGE CAPACITY

200 Ampere Hours

### TERMINALS

Bolt size - M8

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

200 A max continuous,  
300 A max 10-second pulse  
9.0 V max discharge,  
11.0 V max recommended discharge

### CHARGE

100 A max.  
LiFePO<sub>4</sub> charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF TRADITIONAL BATTERIES

1/2

HALF THE WEIGHT

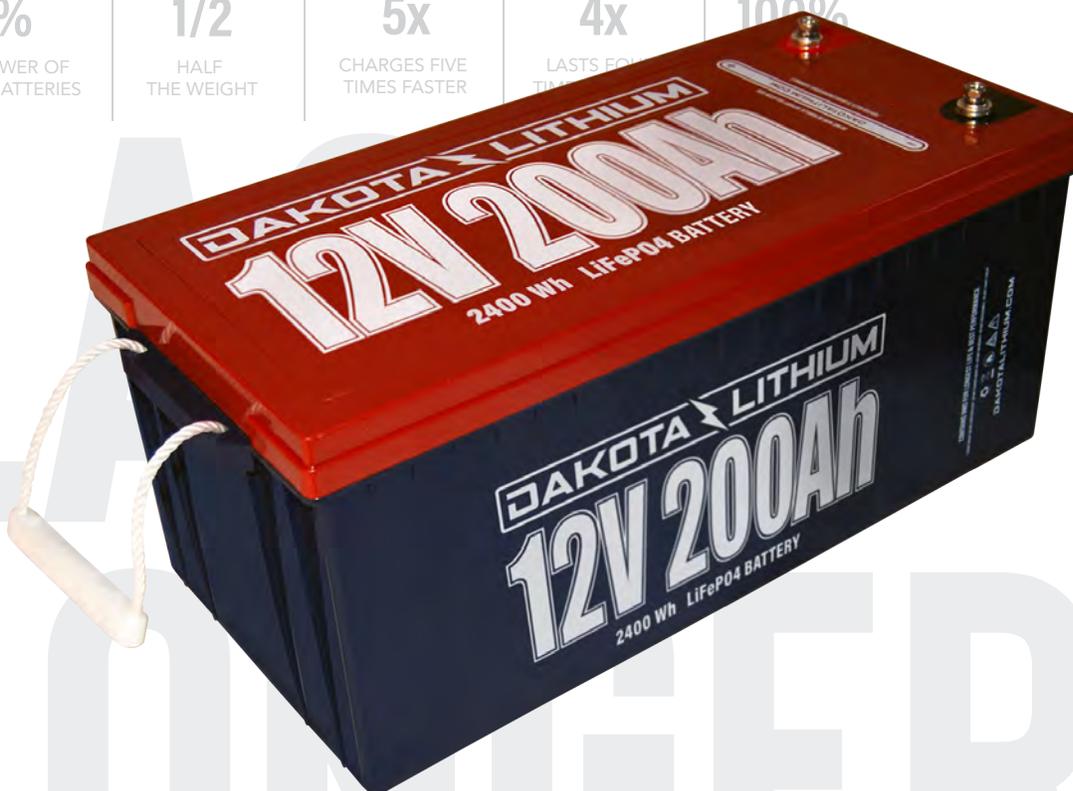
5x

CHARGES FIVE TIMES FASTER

4x

LASTS FOUR TIMES LONGER

100%



## SUITABLE FOR

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

TROLLING MOTORS • RVs • BOATING & SAILBOAT BATTERIES • OVERLAND VEHICLES • ELECTRIC VEHICLES • SOLAR STORAGE  
DIY POWERWALLS • HOME ENERGY STORAGE • EMERGENCY POWER • AND MORE

 **KYLE BEAUVOIS**

 2 x DL+ 60Ah BATTERIES - 24V TROLLING MOTOR



FL 1397 NR  FLORIDA

# DAKOTA LITHIUM DL+ 12V 60AH BATTERY

## DUAL PURPOSE 1000CCA STARTER BATTERY PLUS DEEP CYCLE PERFORMANCE

A multi-purpose work horse, the DL+ 12V 60Ah is built for high performance in the most rugged and varied of conditions. Engineered with Lithium Iron Phosphate (LiFePO4) technology and built for dual purpose performance, the DL+ provides 1,000 cold cranking amps (CCA) plus a high continuous discharge rate, making it a great choice for high amp draw applications like starting engines, heavy machinery, golf carts, car audio, or any electronics that require a lot of power at one time. In addition, the DL+ provides the same legendary deep cycle performance that Dakota Lithium batteries are known for, giving you lots of power for a long time. This is the most versatile Dakota Lithium battery and includes a terminal adapter kit compatible with most marine, automotive, and deep cycle applications. Wire in series for 24V, 36V, or 48V systems. LiFePO4 charger included. Backed by an 11 year warranty.

### SPECIFICATIONS

#### VOLTAGE AND CAPACITY

12V 768 Wh

#### SIZE

9.5" x 6.9" x 7.44"  
(242.5 x 176 x 189 mm)  
Group 24 equivalent

#### WEIGHT

16.5 lbs (7.5 Kg)

#### STORAGE CAPACITY

60 Ampere Hours

#### COLD CRANKING AMPS

1000 cca

#### TERMINALS

Bolt / Post size - M8 thread.  
Includes bolt, standard and brass posts.  
Easily adaptable to custom posts.

#### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

#### DISCHARGE

100 A max continuous,  
750 A max 2-second pulse  
9.0 V max discharge,  
11.0 V max recommended discharge

#### CHARGE

60 A max.  
LiFePO4 charger recommended.

#### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Will not charge below 32°F.

#### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

#### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF TRADITIONAL BATTERIES

1/2

HALF THE WEIGHT

5x

CHARGES FIVE TIMES FASTER

4x

100%



### SUITABLE FOR

STARTER BATTERY • DEEP CYCLE APPLICATIONS • HIGH AMP DRAW APPLICATIONS • MARINE APPLICATIONS • OVERLAND BUILDS  
WORK TRUCK BUILDS • CAR AUDIO • TROLLING MOTORS • INDUSTRIAL APPLICATIONS • AND MORE

# DAKOTA LITHIUM DL+ 12V 135AH BATTERY

## DUAL PURPOSE 1000CCA STARTER BATTERY PLUS DEEP CYCLE PERFORMANCE

The ultimate battery in energy density and versatility. 135 amp hours of deep cycle Dakota Lithium performance plus 1,000 CCA of engine starting power and internal even-heat technology for use in extreme temperatures. Engineered with Lithium Iron Phosphate (LiFePO4) technology and built for dual purpose performance, and a high continuous discharge rate, making it a great choice for high amp draw applications like starting engines, heavy machinery, golf carts, car audio, or any electronics that require a lot of power at one time. In addition, the DL+ provides the same legendary deep cycle performance that Dakota Lithium batteries are known for, giving you lots of power for a long time. Includes a terminal adapter kit compatible with deep cycle applications, and most car or marine motors. Wire in series for 24V, 36V, or 48V systems. LiFePO4 charger included. 11 year warranty.

### SPECIFICATIONS

#### VOLTAGE AND CAPACITY

12V 1620 Wh

#### SIZE

9.5" x 6.9" x 7.75"  
(242.5 x 176 x 197 mm)  
Group 24 equivalent

#### WEIGHT

27.2 lbs (12.3 Kg)

#### STORAGE CAPACITY

135 Ampere Hours

#### COLD CRANKING AMPS

1000 cca

#### TERMINALS

Bolt / Post size - M8 thread.  
Includes bolt, standard and brass posts.  
Easily adaptable to custom posts.

#### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

#### DISCHARGE

270 A max continuous,  
1000 A max 2-second pulse  
9.0 V max discharge,  
11.0 V max recommended discharge

#### CHARGE

135 A max.  
LiFePO4 charger recommended.

#### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

#### INTERNAL EVEN-HEAT TECHNOLOGY

Increases performance in extreme cold. When charging the battery in temperatures below 0°C/32°F the internal heating element will warm the cells to 0°C/32°F.

#### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

#### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF TRADITIONAL BATTERIES

1/2

HALF THE WEIGHT

5x

CHARGES FIVE TIMES FASTER

4x

LASTS FOUR TIMES AS LONG

100%

SAFE AND RELIABLE



### SUITABLE FOR

STARTER BATTERY • DEEP CYCLE APPLICATIONS • HIGH AMP DRAW APPLICATIONS • MARINE APPLICATIONS • OVERLAND BUILDS  
WORK TRUCK BUILDS • CAR AUDIO • TROLLING MOTORS • INDUSTRIAL APPLICATIONS • AND MORE

# DAKOTA LITHIUM DL+ 12V 280AH BATTERY

## DUAL PURPOSE DEEP CYCLE BATTERY PLUS 1000CCA CRANKING CAPABILITY

When you go off grid you need to be prepared for all that mother nature can throw at you. With the 12V 280Ah we built a compact, energy dense dual purpose battery ready for long expeditions, extended ocean passages, and off-grid systems. Engineered for maximum energy density, this battery has 280 Amp Hours of capacity in a battery case the size of a single 100 Amp Hour. Packed with Lithium Iron Phosphate (LiFePO4) technology this is a battery built to last. With a lifespan of 3,000 charge cycles this battery will last up to 5 times longer than your typical SLA battery, providing exceptional value over time for boat owners, off grid solar users, and RV adventurers.

### SPECIFICATIONS

#### VOLTAGE AND CAPACITY

12 V 280 Ah 3360 Wh

#### SIZE

13.31" x 7.24" x 10.0"  
(338 x 184 x 254 mm)

#### WEIGHT

65 lbs (29.5 Kg)

#### STORAGE CAPACITY

280 Ampere Hours

#### COLD CRANKING AMPS

1000 cca

#### TERMINALS

Bolt size - M8

#### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

#### DISCHARGE

200 A max continuous,  
1000 A max 2-second pulse  
9.0 V max discharge,  
11.0 V max recommended discharge

#### CHARGE

<200 A. 300 A max at <60 sec.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

#### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

#### INTERNAL EVEN-HEAT TECHNOLOGY

Increases performance in extreme cold. When charging the battery in temperatures below 0°C/32°F the internal heating element will warm the cells to 0°C/32°F.

#### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

#### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF TRADITIONAL BATTERIES

1/2

HALF THE SIZE

5x

CHARGES

4x

100%



### SUITABLE FOR

RVS • BOATING & SAILBOAT BATTERIES • OVERLAND VEHICLES • ELECTRIC VEHICLES • SOLAR STORAGE • DIY POWERWALLS  
HOME ENERGY STORAGE • EMERGENCY POWER • AND MORE

# DAKOTA LITHIUM DL+ 12V 560AH BATTERY

## DUAL PURPOSE DEEP CYCLE BATTERY PLUS 1000CCA CRANKING CAPABILITY

Built to power an off grid farm or home during a cold North Dakota winter, the DL+ 12V 560 Ah battery is our most compact and powerful battery yet — ready for long expeditions in your RV, extended ocean voyages in your boat, or plenty of power for your air conditioner or off grid system. Engineered for maximum energy density, this battery has 560 Amp Hours of capacity in a waterproof battery case the size of a two 100 Amp Hour batteries. That's 6X the amount of usable power, allowing you to replace a marine or solar battery bank of 12 AGM or lead acid batteries with a single DL+ 560.

### SPECIFICATIONS

#### VOLTAGE AND CAPACITY

12 V 560 Ah 6720 Wh

#### SIZE

26.3" x 7.7" x 9.85"  
(670 x 195 x 250mm)

#### WEIGHT

127 lbs (58 Kg)

#### STORAGE CAPACITY

560 Ampere Hours

#### COLD CRANKING AMPS

1000 cca

#### TERMINALS

Bolt size - M8

#### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

#### DISCHARGE

300 A max continuous,  
1000 A max 2-second pulse  
9.0 V max discharge,  
11.0 V max recommended discharge

#### CHARGE

<300 A. 300 A max at <60 sec.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

#### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

#### INTERNAL EVEN-HEAT TECHNOLOGY

Increases performance in extreme cold. When charging the battery in temperatures below 0°C/32°F the internal heating element will warm the cells to 0°C/32°F.

#### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

#### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%

TWICE THE POWER OF TRADITIONAL BATTERIES

1/2

HALF THE WEIGHT

5x

CHARGES FIVE TIMES FASTER

4x

LASTS FOUR TIMES AS LONG

100%

SAFE AND RELIABLE



### SUITABLE FOR

RVS • BOATING & SAILBOAT BATTERIES • OVERLAND VEHICLES • ELECTRIC VEHICLES • SOLAR STORAGE • DIY POWERWALLS  
HOME ENERGY STORAGE • EMERGENCY POWER • AND MORE



**ANGEL COLLINSON**



**5 x 12V 100Ah BATTERIES**

# DAKOTA LITHIUM 24V 60AH BATTERY

Our single 24 volt lithium battery will power your passion from morning to night. 60 Amp hours (Ah) of capacity is optimal for a full day of fishing with 24V trolling motors, or to be linked in series or parallel for solar energy storage in the home, RV, boat, or off grid applications. Ideal for deep cycle applications in marine environments where you need lots of power for a long time. Engineered with Lithium Iron Phosphate (LiFePO<sub>4</sub>) technology this single battery has twice the power, half the weight, and lasts 4 times longer than a lead acid battery – providing exceptional lifetime value. Built for endurance in rugged environments and cold conditions, this battery has a cycle life of 2,000 – 5,000 recharge cycles and is backed up by a best in class 11 year warranty.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

24 V 60 Ah 1440 Wh

### SIZE

9.05" x 6.85" x 7.87"  
(230 x 174 x 200 mm)

### WEIGHT

24.9 lbs (11.3 Kg)

### STORAGE CAPACITY

60 Ampere Hours

### TERMINALS

Bolt size - M8

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

80 A max continuous,  
100 A max 10-second pulse  
18.0 V max discharge,  
22.0 V max recommended discharge

### CHARGE

30 A max.  
LiFePO<sub>4</sub> charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%  
TWICE THE POWER OF  
TRADITIONAL BATTERIES

1/2  
HALF THE  
WEIGHT

5x

4x

100%



## SUITABLE FOR

TROLLING MOTORS • 12 VOLT ELECTRONICS • BOATING & FISHING ELECTRONICS • OFF GRID SPEAKERS • EMERGENCY POWER  
REMOTE POWER • OUTDOOR ADVENTURES • AND MORE

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

# DAKOTA LITHIUM 36V 60AH BATTERY

Our single 36 volt 60 amp hour battery will power your passions from morning to night. 60 Amp hours (Ah) of capacity is optimal for 36v trolling motors with up to 110 lbs of thrust or <60 max amp draw, small electric vehicle motors or any 36v deep cycle application in marine or rugged environments where you need lots of power for a long time. Engineered with Lithium Iron Phosphate (LiFePO4) technology this battery has twice the power, half the weight, and lasts 4 times longer than a lead acid battery – providing exceptional lifetime value. Built to endure, this extended lifespan battery is backed up by an 11 year warranty.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

36 V 60 Ah 2304 Wh

### SIZE

19" x 6.7" x 9.5"  
(483 x 170 x 240 mm).

### WEIGHT

48 lbs (22 kg)

### STORAGE CAPACITY

60 Ampere Hours

### TERMINALS

Bolt size - M8

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

120 A max continuous,  
200 A max 10-second pulse  
27.0 V max discharge,  
33.0 V max recommended discharge

### CHARGE

31.5 A max.  
LiFePO4 charger recommended.  
A SLA charger may work, but will reduce performance and lifespan of the battery.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

200%  
TWICE THE POWER OF TRADITIONAL BATTERIES

1/2  
HALF THE WEIGHT

5x  
CHARGES FIVE TIMES FASTER

4x  
LASTS FOUR TIMES LONGER

100%  
FULL CAPACITY



DAKOTA LITHIUM  
36V 60Ah  
2160 Wh LiFePO4 BATTERY

CONTAINS BMS FOR LONGEST LIFE & BEST PERFORMANCE  
RECYCLED MATERIALS USED IN THE CONSTRUCTION OF THIS BATTERY  
DAKOTALITHIUM.COM

ISO 9001:2015  
QUALITY MANAGEMENT SYSTEM  
CERTIFIED

## SUITABLE FOR

36V TROLLING MOTORS • 36V ELECTRIC MOTOR • COMPATIBLE WITH ONBOARD CHARGING • BOATING / MARINE DEEP CYCLE  
OUTDOOR ADVENTURES • REMOTE POWER • AND MORE

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

# DAKOTA LITHIUM 48V 96AH BATTERY

Our single 48 volt 96 amp hour battery is the largest one we make. With a whopping 5000Wh it is optimized for deep cycle and marine applications like 48V solar energy storage, 48V electric outboard motors, 48V golf carts, or any 48V application where you need steady power for a long time. Plus, at 77 lbs, it weighs a 1/4 as much as a set of lead acid golf cart batteries, eliminating 300 lbs off your cart and giving you a battery range of 40 - 60 miles at 23 mph depending on cart model. Engineered with Lithium Iron Phosphate (LiFePO4) technology this battery has twice the power, half the weight, and lasts 4 times longer than a lead acid battery – providing exceptional lifetime value. Built to endure, this extended lifespan battery is backed up by an 11 year warranty.

## SPECIFICATIONS

### VOLTAGE AND CAPACITY

48V 4,915 Wh

### SIZE

20.5" x 10.5" x 8.66"  
(520 x 267 x 220 mm)

### WEIGHT

77 lbs (35 Kg)

### STORAGE CAPACITY

96 Ampere Hours

### TERMINALS

Bolt size - M8

### LIFESPAN/LIFECYCLES

Up to 80% capacity for 2,000 cycles in recommended conditions.

### DISCHARGE

100 A max continuous,  
200 A max 10-second pulse  
36.0 V max discharge,  
44.0 V max recommended discharge

### CHARGE

50 A max.  
LiFePO4 charger recommended.

### OPERATING TEMPERATURE

- 20°F min, +120°F max environmental operating temps.

Avoid charging below 32°F.

### SAFE & RELIABLE

All batteries include an active BMS (Battery Management System) protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

### CERTIFICATIONS

All batteries meet UN 38.3 Standards. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

**200%**  
TWICE THE POWER OF  
TRADITIONAL BATTERIES

**1/2**  
HALF  
THE WEIGHT

**5x**  
CHARGES FIVE  
TIMES FASTER

**4x**  
LASTS 4x  
LONGER

**100%**  
RECYCLED  
CASE



## SUITABLE FOR

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

48V GOLF CARTS SUCH AS - 48V YAMAHA, 48V TAYLOR-DUNN, 48V POLARIS, AND 48V PAR CAR • 48V ELECTRIC VEHICLES

48V ELECTRIC OUTBOARD MOTORS SUCH AS - TORQUEEDO AND ELCO • 48V SOLAR ENERGY POWER SYSTEMS • AND MORE



BRANDON CHESTNUT



POWERBOX 10 AND POWERBOX+ 60



# DAKOTA LITHIUM POWERBOX 10

Whether you are camping in a tent, cruising in your kayak, or working off grid, the Dakota Lithium Powerbox helps keep all of your electronics charged up and ready to go. Built to power all your passions, the Powerbox gives you the freedom to use one battery to power many things. Designed to be a universal and mobile power station, including two USB charging ports, a 12v car plug, and binder posts. For night time use the Powerbox 10 comes equipped with a high efficiency LED flashlight. For longer expeditions solar panels can quickly be connected to the binder posts, providing you with dependable power. All built in a water/shock resistant case. 12v Dakota Lithium LiFePO4 10Ah battery and charger included.

## SPECIFICATIONS

### POWERED BY

12 V 10 Ah LiFePO4 battery

### SIZE

8.5" x 6.75" x 4.25"

### WEIGHT

4 lbs

### STORAGE CAPACITY

10 Ampere Hours

### WATERPROOF RATING

Water resistant and built for wet environments. Not submersible. Rubber caps must be replaced to ensure sockets are water resistant.

### DUAL USB CHARGING PORTS

Easy way to charge your phone, camera, or any personal electronics

### 12V CAR PLUG

Same type of socket that you have in your car

### BINDER POSTS

Used as 12v output and to charge your box. A versatile way to power many types of electronics

### TWO WATERPROOF LED LIGHTS

Make this power box into a powerful flashlight that lasts forever

### VOLTAGE READER

Provides real time data on how much voltage you are using.

### SAFE & RELIABLE

Includes active BMS protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

**200%**  
TWICE THE POWER OF  
TRADITIONAL BATTERIES

**1/2**  
HOLD THE V



### SUITABLE FOR

EMERGENCY POWER SOURCE • MOBILE POWER SOURCE • HOME ELECTRONICS • CAMPING & HIKING • KAYAKING & FISHING

EXTREME ENVIRONMENTS • WORKING REMOTELY WHILE OFF GRID • CONSTRUCTION SITES • STEREO, AV, & MUSIC • AND MORE

NOT TO BE USED FOR A STARTER BATTERY. DEEP CYCLE APPLICATIONS ONLY.

# DAKOTA LITHIUM POWERBOX+ 60

## DUAL PURPOSE 1000CCA STARTER BATTERY PLUS DEEP CYCLE PERFORMANCE

Designed as a waterproof and submersible mobile power station for use in extreme environments, the Powerbox+ 60 is one battery to power many passions. Jump start a car or boat engine with over 1,000 cold cranking amps (CCA) of engine starting power. Power your devices and smaller appliances with 60 amp hours (768 watts) of deep cycle Dakota Lithium energy. Efficiently charge phones, laptops, camera equipment, TVs, monitors, portable fridges, medical devices, power tools, and more via the 2 AC wall plugs or the 6 USB ports. Connect jumper cables to the automotive grade battery posts to access up to 1,000 CCA of engine starting power or use the waterproof binder posts to run high amp applications like 12V trolling motors. All in one waterproof lithium battery so light that it floats.

### SPECIFICATIONS

#### POWERED BY

DL+ 12V 60Ah Dual Purpose  
1,000 CCA Battery included

#### SIZE

11.6" x 12.1" x 12.8"

#### WEIGHT

27 lbs

#### STORAGE CAPACITY

60 Ampere Hours

#### WATERPROOF RATING

IP67 Waterproof rating means this battery is submersible at a depth of 3 ft of water for 30 min with no internal moisture.

#### POWERBOX 60 CASE

Waterproof and submersible (IP67) ruggedized Powerbox 60 military spec plastic case with shock proof battery cradle

#### TERMINALS & BINDER POSTS

Waterproof automotive binder posts for connecting trolling motors, jumper cables, or other high power applications

#### VOLTMETER & EXTERNAL USB PLUGS

Waterproof voltmeter for monitoring the battery power level & external USB C & USB A for connecting devices

#### DC TO AC INVERTER INCLUDED

300 continuous, 600 watt peak DC to AC Inverter with 2 AC wall plugs + 4 USB plugs and smart power use display

#### INTERNAL STORAGE & ANTI-STATIC ELECTRONICS TRAY

Internal ballistic nylon bag with 3 zippered pockets for waterproof storage of personal electronics when box is sealed plus a removable, washable, anti-static silicone electronics tray for keeping personal electronics clean and safe while charging included

#### SAFE & RELIABLE

Includes active BMS protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

**200%**  
TWICE THE POWER OF  
TRADITIONAL BATTERIES

**1/2**  
HALF  
THE WEIGHT

**5x**

**3%**



#### SUITABLE FOR

EMERGENCY POWER SOURCE • MOBILE POWER SOURCE • HOME ELECTRONICS • CAMPING & HIKING • KAYAKING & FISHING  
EXTREME ENVIRONMENTS • WORKING REMOTELY WHILE OFF GRID • CONSTRUCTION SITES • STEREO, AV, & MUSIC • AND MORE

# DAKOTA LITHIUM POWERBOX+ 135

## DUAL PURPOSE 1000CCA STARTER BATTERY PLUS DEEP CYCLE PERFORMANCE

Designed as a waterproof and submersible mobile power station for use in extreme environments, the Powerbox+ 135 is one battery to power many passions. Jump start a car or boat engine with over 1,000 cold cranking amps (CCA) of engine starting power. Power your devices and smaller appliances with 135 amp hours (1728 watts) of deep cycle Dakota Lithium energy. Efficiently charge phones, laptops, camera equipment, TVs, monitors, portable fridges, medical devices, power tools, and more via the 2 AC wall plugs or the 6 USB ports. Connect jumper cables to the automotive grade battery posts to access up to 1,000 CCA of engine starting power or use the waterproof binder posts to run high amp applications like 12V trolling motors. All in one waterproof lithium battery so light that it floats.

### SPECIFICATIONS

#### POWERED BY

DL+ 12V 60Ah Dual Purpose  
1,000 CCA Battery included

#### SIZE

11.6" x 12.1" x 12.8"

#### WEIGHT

38 lbs

#### STORAGE CAPACITY

135 Ampere Hours

#### WATERPROOF RATING

IP67 Waterproof rating means this battery is submersible at a depth of 3 ft of water for 30 min with no internal moisture.

#### POWERBOX 60 CASE

Waterproof and submersible (IP67) ruggedized Powerbox 60 military spec plastic case with shock proof battery cradle

#### TERMINALS & BINDER POSTS

Waterproof automotive binder posts for connecting trolling motors, jumper cables, or other high power applications

#### VOLTMETER & EXTERNAL USB PLUGS

Waterproof voltmeter for monitoring the battery power level & external USB C & USB A for connecting devices

#### DC TO AC INVERTER INCLUDED

300 continuous, 600 watt peak DC to AC Inverter with 2 AC wall plugs + 4 USB plugs and smart power use display

#### INTERNAL STORAGE & ANTI-STATIC ELECTRONICS TRAY

Internal ballistic nylon bag with 3 zippered pockets for waterproof storage of personal electronics when box is sealed plus a removable, washable, anti-static silicone electronics tray for keeping personal electronics clean and safe while charging included

#### SAFE & RELIABLE

Includes active BMS protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.



200%

TWICE THE POWER OF  
TRADITIONAL BATTERIES

1/2

HALF  
THE WEIGHT

5x

50%



#### SUITABLE FOR

EMERGENCY POWER SOURCE • MOBILE POWER SOURCE • HOME ELECTRONICS • CAMPING & HIKING • KAYAKING & FISHING

EXTREME ENVIRONMENTS • WORKING REMOTELY WHILE OFF GRID • CONSTRUCTION SITES • STEREO, AV, & MUSIC • AND MORE

POWERBOX+ 135



**PAUL CHESTNUT**



1 x 12V 100Ah BATTERY



# DAKOTA LITHIUM LITHIUM CHARGERS



## SPECIFICATIONS

### FOR LITHIUM AND LiFePO4 BATTERIES

We highly recommend you use a LiFePO4 compatible charger. Chargers for lead acid batteries may work, but will decrease performance and lifespan of the battery.

### TERMINAL CONNECTIONS

Alligator clips / Anderson SB 50 connections depending on charger

### SMART BMS COMMUNICATION

Charger will restart or "wake up" a Dakota Lithium BMS that has turned off a battery due to short circuit or excessive amp draw. Simply connect the charger to the battery to initiate a restart.

### HOW FAST WILL MY BATTERY CHARGE?

This depends on the amp rating of the charger. To determine your charging speed take the amp hour rating of your battery and divide by the charger amp rating.

### CAN I CHARGE MY BATTERY FASTER?

For most applications a charging time of 3 - 10 hours provides the longest lifespan for your battery. But if you have an application where you need rapid charging Dakota Lithium batteries can be safely charged in up to 1 hour (at a rate of 1C). For example, you could use a 20 amp charger with a 23 Ah battery for a 1 hour charge time. Charging at a 1 hour rate does reduce the lifespan over time. In our laboratory testing we found that the longest lifespan for Dakota Lithium batteries was at a charging speed of 0.3C or less (we recommend that the charger amp rating is 1/3 or less of the battery amp hour rating for longest lifespan).

### WHAT VOLTAGE SHOULD LiFePO4 BATTERIES BE CHARGED AT?

14.4 volts is recommended for 12V Dakota Lithium (LiFePO4) batteries.

### CHARGER USAGE

Please follow the usage guidelines associated with each different size of charger

#### MARINE 4 MULTI CHANNEL CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 14.4V, 10.0A per channel

#### 12V 3A CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 14.4V, 3.0A

#### 12V 10A CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 14.4V, 10.0A

#### 12V 20A CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 14.4V, 20.0A

#### 24V 20A CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 28.8V, 20.0A

#### 24V 5A CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 28.8V, 5.0A

#### 36V 8A CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 43.2V, 8.0A

#### 36V 18A CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 43.2V, 18.0A

#### 48V 8A CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 57.6V, 8.0A

#### 48V 15A CHARGER

INPUT 100-240 VAC, 50/60HZ.  
OUTPUT: 57.6V, 15.0A



# DAKOTA LITHIUM OFF-GRID SOLUTIONS



## DESCRIPTION

### DAKOTA LITHIUM SOLAR 100

Our 100 watt solar panel kit offers enough power to charge most single 12-volt battery banks (combine 100 watts of solar with 100Ah of Dakota Lithium batteries – additional panels recommended for colder climates, faster charge time, or winter activities).

### DAKOTA LITHIUM MULTI-FUNCTION INVERTER

Our inverter takes DC power (the power that comes from batteries or solar panels) and transforms it into AC power (your home's wall socket). Rated at 300 watts, this inverter also has the ability to peak up to 600 watts for electronics like drills, drivers, or other tools that may need quick bursts of power.

### DAKOTA LITHIUM 12V 1500 WATT DC TO AC INVERTER - PURE SINE WAVE

Rated at 1500 watts this professional grade pure sine wave inverter takes DC power (the power that comes from batteries or solar panels) and transforms it into AC power. 1500 watts is the perfect size for most off-the-grid vehicles, including mid sized RVs, boats, Sprinter or camper vans, trailers, job sites for charging power tools, or other off grid applications where you need plug and play power.

### DAKOTA LITHIUM DASHBOARD SOLAR CHARGE CONTROLLER AND APP

The Dakota Lithium Dashboard solar charge controller regulates the charging of your house battery bank by your solar panels. It also monitors the batteries to let you know the fullness of the charge. This is done both on the unit itself or with the Dakota Lithium Dashboard bluetooth app that you can use on your phone.

### VICTRON PRODUCTS

Dakota Lithium is also a distributor of Victron components including: inverters / chargers, DC-DC chargers, battery monitors, shunts, and control panels.

#### Multi function abilities include:

- 2 x AC wall sockets plugs
- 3 x USB charging ports 5V 2.1 A
- 1 x Smart USB charging port 5V, 9V, or 12V 2.1A
- 1 x Voltmeter & power LCD display screen
- 1 x Alligator clips for connecting to batteries
- 1 x Cig plug for connecting to your car



DAKOTA LITHIUM DASHBOARD SOLAR CHARGE CONTROLLER



#### 100-Watt Dakota Lithium Solar Kit Includes:

- 100-Watt Dakota Lithium Solar Panel
- Quick-connect solar plug
- Stainless steel mounting hardware and double sided industrial welding tape.
- Easy installation on most surfaces.

#### Professional Grade Pure Sine Wave:

Provides 100% Pure Sine Wave current. Compatible with all AC electronics, including electronics including high definition screens, engineering equipment, and medical devices.



**CONTACT INFORMATION:**

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100% COBALT & CONFLICT MINERAL FREE