



GO FURTHER. LAST LONGER. PLAY HARDER.

HALF THE WEIGHT. TWICE THE POWER

All Dakota Lithium batteries are engineered with Lithium Iron Phosphate technology (LiFePO₄) providing long lasting performance in the harshest environments. Allowing you to go further, last longer, and play harder.

11 YEAR WARRANTY

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

AMERICAN INNOVATION & USA BASED SUPPORT

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 - LiFePO₄

Different Li-ion batteries use different chemistries. Dakota Lithium exclusively engineers our batteries using lithium iron phosphate or LiFePO₄ 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 LiFePO₄ 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 LiFePO₄ 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 a 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. Select battery models are ISO Certified ISO 9001:2008 Quality Management System & ISO 14001:2004 Environmental Management System for use in industry applications. 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 LiFePO₄ 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 2 oz (1.30 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

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

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



SUP AND SKIFF OUTFITTERS



1 x 12V 23Ah BATTERY - FISH FINDER

1 X 12V 54Ah BATTERY - TROLLING MOTOR



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 14 oz (1.30 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

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

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

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



SAM SOHOLT



2 x 12V 100Ah BATTERIES

OAM
ENTURE CO.

ARIZONA
TR7033
VEHICLE DEALER



TURTLEBACK TRAILERS

COOK
PARTNER



TURTLEBACK TRAILERS

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

F12 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%

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 54Ah BATTERY

Our 12 Volt 54 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 54 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

9.01" x 5.43" x 8.38"
(229 x 138 x 213 mm)

WEIGHT

17.6 lbs (8 Kg)

STORAGE CAPACITY

54 Ampere Hours

TERMINALS

F12 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

25 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.



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

 **PAINTED BUFFALO STUDIO** 1 x 12V 200Ah BATTERY

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

F12 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.



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 (LiFePO4) 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

F12 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.
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%



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



RYAN AND SOPHIE SAILING



4 x 12V 170Ah BATTERIES

THOUGH THE SYSTEM IS STILL GOING STRONG
WE HAVE DISCONTINUED THE 170Ah AND NOW
OFFER THE 12V 200Ah.

DAKOTA LITHIUM 12V 277Ah BATTERY

When you go off grid you need to be prepared for all that mother nature can throw at you. With the 12V 277Ah we built a compact, energy dense battery ready for long expeditions, extended ocean passages, and off-grid systems. Engineered for maximum energy density, this battery has 277 Amp Hours of capacity in a steel 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 277 Ah 3545 Wh

SIZE

14.6" x 7.7" x 10.75"

(370 x 195 x 274 mm).

WEIGHT

65 lbs (29.5Kg)

STORAGE CAPACITY

277 Ampere Hours

TERMINALS

F12 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

<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.

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.



SUITABLE FOR

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

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

DAKOTA LITHIUM 24V 50Ah BATTERY

Our single 24 volt lithium battery will power your passion from morning to night. 52.5 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. Integrated smart tech one touch volt-meter and LCD screen shows the voltage, and capacity/power remaining. Engineered with Lithium Iron Phosphate (LiFePO4) 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

24V rated (26.6V resting voltage)
1394 Wh

SIZE

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

WEIGHT

31.9 lbs (14.5Kg)

STORAGE CAPACITY

52.5 Ampere Hours

TERMINALS

F12 terminals. Bolt size - M8

LIFESPAN/LIFECYCLES

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

DISCHARGE

52.5 A max continuous,
100 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

CHARGE LIFE
TIME FASTER

4x

LASTS FOUR
TIMES AS LONG

100%

SAFE AND
RELIABLE



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.

 **KYLE BEAUVOIS**

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



DAKOTA LITHIUM 36V 63Ah BATTERY

Our single 36 volt 63 amp hour battery will power your passions from morning to night. 63 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

36V 2268 Wh

SIZE

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

WEIGHT

59 lbs (26.7 Kg)

STORAGE CAPACITY

63 Ampere Hours

TERMINALS

F12 terminals. Bolt size - M8

LIFESPAN/LIFECYCLES

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

DISCHARGE

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

10x



SUITABLE FOR

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

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

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

F12 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.

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
TIME



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



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

HAS
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 DL+ 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 60Ah 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

F12 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

120 A max continuous,

180 A max 10-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



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



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.





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