



wirentech

LIGHTER. DENSER. GO FURTHER. BEAUTY LIFE IS HERE.



**12V/24V/36V/48V LITHIUM BATTERY**



**2 X 12V 100AH STARTER BATTERY**  
TROLLING MOTOR & FISH FINDER



# WIRENTECH LITHIUM 12V TRANSPARENT BATTERY

Our flagship 12-volt clear battery is ideal for a wide range of applications and excels in deep cycles where reliable power is needed for long periods of time. The Transparent Battery utilizes our legendary Lithium Iron Phosphate (LiFePO4) technology for superior performance and long life. With customizable capacity, the batteries can be recharged more than 6,000 times and last up to 5 times longer than lead-acid batteries. Combine 2 batteries into a 24-volt system or 3 batteries into a 36-volt system. Ideal for solar panel energy storage applications.

## SPECIFICATIONS

<b>Customizable Capacity</b>	<b>Internal Visualization</b>	<b>Size</b> 12.9"x6.8"x8.7" (328x172x222mm)
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**Safety Certified Via:**  
ISO 9001:2015  
UN38.3,MSDS

<b>2x</b> Twice the power of traditional batteries	<b>3x</b> 3 times longer service life	<b>5</b> 5-year quality guarantee	<b>1/3</b> One-third the weight of lead-acid batteries	<b>67</b> Protection degree up to IP67
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### CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	100Amps @ 77°F (25°C)
Recommended Current	50Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

### DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	200Amps Continuous
Discharge Current 3 seconds	<500Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	500A for 300ms
Short Circuit Protection Release	Disconnect the load

### 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. Meets all US and International regulations for air, ground, train and marine transport.

### SUITABLE FOR

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | HIKING, CAMPING & OUTDOORS



# WIRENTECH LITHIUM 12V 135AH BATTERY

Our 12 Volt 135 Amp dual purpose lithium battery is built for starter and deep cycle performance which provides 1500 CCA and a high continuous discharge rate, making it a great choice for high amp draw applications like start car engine, crank up the car audio, or run trolling motor. In addition, the 12V 135Ah provides the same legendary deep cycle marine performance, giving you lots of power for a long time. Includes a terminal adapter compatible with most marine, automotive, and deep cycle applications.

## SPECIFICATIONS

<b>Energy</b> 12V 135Ah (1728Wh)	<b>Weight</b> 14.8KG	<b>Size</b> 12.9"x6.8"x8.7" (328x172x222mm)
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### Safety Certified Via:

CE, EMC  
IEC 62619, UN38.3, MSDS

**2x**

Twice the power of traditional batteries

**3x**

3 times longer service life

**5**

5-year quality guarantee

**1/3**

One-third the weight of lead-acid batteries

**67**

Protection degree up to IP67

## CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	100Amps @ 77°F (25°C)
Recommended Current	50Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

## DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	200Amps Continuous
Discharge Current 3 seconds	<500Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	500A for 300ms
Short Circuit Protection Release	Disconnect the load

## 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. Meets all US and International regulations for air, ground, train and marine transport.

## SUITABLE FOR

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | MOTO DRIVE, CAMPING & OUTDOORS



www.wiretech.com Shenzhen Wiretech Co., Ltd

# WIRENTECH LITHIUM 12V 195AH BATTERY

Our 12 Volt 195 Amp dual purpose lithium battery is built for starter and deep cycle performance which provides 1500 CCA and a high continuous discharge rate, making it a great choice for high amp draw applications like start car engine, crank up the car audio, or run trolling motor. In addition, the 12V 195Ah provides the same legendary deep cycle marine performance, giving you lots of power for a long time. Includes a terminal adapter compatible with most marine, automotive and deep cycle applications.

## SPECIFICATIONS

<b>Energy</b> 12V 195Ah (2496Wh)	<b>Weight</b> 19.5KG	<b>Size</b> 12.9"x6.8"x8.7" (328x172x222mm)
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**Safety Certified Via:**  
UL 1973, CE, EMC  
IEC 62619, UN38.3, MSDS

<b>2x</b> Twice the power of traditional batteries	<b>3x</b> 3 times longer service life	<b>5</b> 5-year quality guarantee	<b>1/3</b> One-third the weight of lead-acid batteries	<b>67</b> Protection degree up to IP67
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### CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	150Amps @ 77°F (25°C)
Recommended Current	50Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

### DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	200Amps Continuous
Discharge Current 5 seconds	<500Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	2000A for 250µS
Short Circuit Protection Release	Disconnect the load

### 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. Wirentech Lithium's cells are UL1973 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train and marine transport.

### SUITABLE FOR

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | MOTO DRIVE, CAMPING & OUTDOORS



# WIRENTECH 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 3 times longer than a lead acid battery – providing exceptional lifetime value. Built to endure, this extended lifespan battery is backed up by an 5 year warranty

## SPECIFICATIONS

<b>Energy</b> 36V 60Ah (3840Wh)	<b>Weight</b> 19.5KG	<b>Size</b> 12.9"x6.8"x8.7" (328x172x222mm)
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### Safety Certified Via:

UL 1973, CE, EMC  
IEC 62619, UN38.3, MSDS

**2x**

Twice the power of traditional batteries

**3x**

3 times longer service life

**5**

5-year quality guarantee

**1/3**

One-third the weight of lead-acid batteries

**67**

Protection degree up to IP67

## CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	42 to 43.2 Volts
Maximum Current	60Amps @ 77°F (25°C)
Recommended Current	30Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

## DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	60Amps Continuous
Discharge Current 5 seconds	< 120Amps
Discharge Cut-off Voltage	30 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	36 Volts
Short Circuit Protection	200A for 250µS
Short Circuit Protection Release	Disconnect the load

## 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. Wirentech Lithium's cells are UL1973 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.

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | HIKING, CAMPING, & OUTDOORS



# WIRENTECH LITHIUM 12V 100AH BATTERY

Our 12 Volt 100 Amp dual purpose lithium battery is built for starter and deep cycle performance which provides 1500 CCA and a high continuous discharge rate, making it a great choice for high amp draw applications like start car engine, crank up the car audio, or run trolling motor. In addition, the 12V 100Ah provides the same legendary deep cycle marine performance, giving you lots of power for a long time. Includes a terminal adapter compatible with most marine, automotive, and deep cycle applications.

## SPECIFICATIONS

<b>Energy</b> 12V 100Ah (1280Wh)	<b>Weight</b> 11.6KG	<b>Size</b> 12.9"x6.8"x8.7" (328x172x222mm)
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### Safety Certified Via:

UL 1973, CE, EMC  
IEC 62619, UN38.3, MSDS

**2x**

Twice the power of traditional batteries

**3x**

3 times longer service life

**5**

5-year quality guarantee

**1/3**

One-third the weight of lead-acid batteries

**67**

Protection degree up to IP67

## CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	100Amps @ 77°F (25°C)
Recommended Current	50Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

## DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	100Amps Continuous
Discharge Current 3 seconds	<300Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	1400A for 250μS
Short Circuit Protection Release	Disconnect the load

## 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. Wirentech Lithium's cells are UL1973 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train and marine transport.

## SUITABLE FOR

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | MOTO DRIVE, CAMPING & OUTDOORS





**4 X 12V 50AH DEEP CYCLE APPLICATIONS BATTERY**  
ELECTRONICS & FISH FINDER





# WIRETECH LITHIUM 12V 15AH BATTERY

Our 12 Volt 15 Amp Hours lithium battery packs a big punch in a small package. Engineered in a 15Ah SLA case, but with Lithium Iron Phosphate (LiFePO4) technology, this battery has three times the power, half the weight, and lasts 4 times longer than a 15Ah sealed lead acid battery – providing exceptional performance and lifetime value. Optimal performance down to minus 20 degrees Fahrenheit (for winter warriors). 15 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 15 Ah battery, but with 80% more capacity. Drop in replacement for 15Ah SLA batteries (same size, physical dimensions & terminals) but with three times (3X) longer run time. 12V LiFePO4 charger recommended.

## SPECIFICATIONS

<b>Energy</b> 12V 15Ah (192Wh)	<b>Weight</b> 2KG	<b>Size</b> 5.9"x3.8"x3.7" (151x99x94mm)
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**Safety Certified Via:**  
ISO 9001:2015  
MSDS, UN38.3

<b>2x</b> Twice the power of traditional batteries	<b>3x</b> 3 times longer service life	<b>5</b> 5-year quality guarantee	<b>1/3</b> One-third the weight of lead-acid batteries	<b>67</b> Protection degree up to IP67
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## CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	15Amps @ 77°F (25°C)
Recommended Current	8Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

## DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	15Amps Continuous
Discharge Current 3 seconds	<30Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	50A for 250µS
Short Circuit Protection Release	Disconnect the load

## 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. Meets all US and International regulations for air, ground, train and marine transport.

## SUITABLE FOR

**NOT TO BE USED FOR A STARTER BATTERY.**  
REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | HIKING, CAMPING & OUTDOORS



# WIRETECH LITHIUM 12V 25AH BATTERY

Our 12 Volt 25 Amp Hours lithium battery packs a big punch in a small package. Engineered in a 25Ah SLA case, but with of Lithium Iron Phosphate (LiFePO4) technology, this battery has three times the power, half the weight, and lasts 4 times longer than a 25Ah sealed lead acid battery – providing exceptional performance and lifetime value. Optimal performance down to minus 20 degrees Fahrenheit (for winter warriors). 25 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 25 Ah battery, but with 80% more capacity. Drop in replacement for 25Ah SLA batteries (same size, physical dimensions & terminals) but with three times (3X) longer run time. 12V LiFePO4 charger recommended.

## SPECIFICATIONS

<b>Energy</b> 12V 25Ah (320Wh)	<b>Weight</b> 5KG	<b>Size</b> 7.1"x3.0"x6.6" (181x77x168mm)
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**Safety Certified Via:**  
ISO 9001:2015  
MSDS, UN38.3

<b>2x</b> Twice the power of traditional batteries	<b>3x</b> 3 times longer service life	<b>5</b> 5-year quality guarantee	<b>1/3</b> One-third the weight of lead-acid batteries	<b>67</b> Protection degree up to IP67
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## CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	25Amps @ 77°F (25°C)
Recommended Current	10Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

## DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	25Amps Continuous
Discharge Current 3 seconds	<50Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	75A for 250µS
Short Circuit Protection Release	Disconnect the load

## 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. Meets all US and International regulations for air, ground, train and marine transport.

## SUITABLE FOR

**NOT TO BE USED FOR A STARTER BATTERY.**

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | HIKING, CAMPING & OUTDOORS



# WIRENTECH LITHIUM 12V 50AH BATTERY

Our 12 Volt 50 Amp Hours lithium battery packs a big punch in a small package. Engineered in a 50Ah SLA case, but with of Lithium Iron Phosphate (LiFePO4) technology, this battery has three times the power, half the weight, and lasts 4 times longer than a 50Ah sealed lead acid battery – providing exceptional performance and lifetime value. Optimal performance down to minus 20 degrees Fahrenheit (for winter warriors). 50 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 50 Ah battery, but with 80% more capacity. Drop in replacement for 50Ah SLA batteries (same size, physical dimensions & terminals) but with three times (3X) longer run time. 12V LiFePO4 charger recommended.

## SPECIFICATIONS

<b>Energy</b> 12V 50Ah (640Wh)	<b>Weight</b> 7KG	<b>Size</b> 9.0"x5.8"x8.3" (229x148x211mm)
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**Safety Certified Via:**  
ISO 9001:2015  
CE, MSDS, UN38.3

**2x**

Twice the power of traditional batteries

**3x**

3 times longer service life

**5**

5-year quality guarantee

**1/3**

One-third the weight of lead-acid batteries

**67**

Protection degree up to IP67

## CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	50Amps @ 77°F (25°C)
Recommended Current	25Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

## DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	50Amps Continuous
Discharge Current 3 seconds	< 100Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	150A for 250µS
Short Circuit Protection Release	Disconnect the load

## 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. Meets all US and International regulations for air, ground, train and marine transport.

## SUITABLE FOR

**NOT TO BE USED FOR A STARTER BATTERY.**

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | HIKING, CAMPING & OUTDOORS





# WIRENTECH LITHIUM 12V 60AH BATTERY

Our 12 Volt 60 Amp Hours lithium battery packs a big punch in a small package. Engineered in a 60Ah SLA case, but with Lithium Iron Phosphate (LiFePO4) technology, this battery has three times the power, half the weight, and lasts 4 times longer than a 60Ah sealed lead acid battery – providing exceptional performance and lifetime value. Optimal performance down to minus 20 degrees Fahrenheit (for winter warriors). 60 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 60 Ah battery, but with 80% more capacity. Drop in replacement for 60Ah SLA batteries (same size, physical dimensions & terminals) but with three times (3X) longer run time. 12V LiFePO4 charger recommended.

## SPECIFICATIONS

<b>Energy</b> 12V 60Ah (768Wh)	<b>Weight</b> 7KG	<b>Size</b> 9.0"x5.8"x8.3" (229x148x211mm)
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**Safety Certified Via:**  
ISO 9001:2015  
MSDS, UN38.3

<b>2x</b> Twice the power of traditional batteries	<b>3x</b> 3 times longer service life	<b>5</b> 5-year quality guarantee	<b>1/3</b> One-third the weight of lead-acid batteries	<b>67</b> Protection degree up to IP67
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### CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	60Amps @ 77°F (25°C)
Recommended Current	30Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

### DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	60Amps Continuous
Discharge Current 3 seconds	< 120Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	200A for 250µs
Short Circuit Protection Release	Disconnect the load

### 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. Meets all US and International regulations for air, ground, train and marine transport.

### SUITABLE FOR

**NOT TO BE USED FOR A STARTER BATTERY.**

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | HIKING, CAMPING & OUTDOORS





**3 X 24V 100AH DEEP CYCLE APPLICATIONS BATTERY**  
ELECTRONICS & FISH FINDER



# WIRENTECH LITHIUM 24V 100AH BATTERY

When you go off grid you need to be prepared for all that mother nature can throw at you. With the 24V 100Ah 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 6,000 charge cycles this battery will last up to 3 times longer than your typical SLA battery, providing exceptional value over time for electric vehicle owners, off grid solar users, and truckload.

## SPECIFICATIONS

<b>Energy</b> 24V 100Ah (2400Wh)	<b>Weight</b> 18KG	<b>Size</b> 18.8"x6.7"x9.4" (480x171x240mm)
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**Safety Certified Via:**  
ISO 9001:2015  
MSDS, UN38.3

**2x** Twice the power of traditional batteries

**3x** 3 times longer service life

**5** 5-year quality guarantee

**1/3** One-third the weight of lead-acid batteries

**67** Protection degree up to IP67

### CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	28 to 28.8 Volts
Maximum Current	100Amps @ 77°F (25°C)
Recommended Current	50Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

### DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	100Amps Continuous
Discharge Current 3 seconds	<300Amps
Discharge Cut-off Voltage	20 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	24 Volts
Short Circuit Protection	500A for 250µS
Short Circuit Protection Release	Disconnect the load

### 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. Meets all US and International regulations for air, ground, train and marine transport.

### SUITABLE FOR

**NOT TO BE USED FOR A STARTER BATTERY.**

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | HIKING, CAMPING & OUTDOORS





# WIRENTECH LITHIUM 48V 100AH BATTERY

Our single 48 volt 100 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 3 times longer than a lead acid battery – providing exceptional lifetime value. Built to endure, this extended lifespan battery is backed up by an 5 year warranty.

## SPECIFICATIONS

<b>Energy</b> 48V 100Ah (4800Wh)	<b>Weight</b> 35KG	<b>Size</b> 20.5"x10.6"x8.6" (523x269x218mm)
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**Safety Certified Via:**  
ISO 9001:2015  
MSDS, UN38.3

**2x** Twice the power of traditional batteries

**3x** 3 times longer service life

**5** 5-year quality guarantee

**1/3** One-third the weight of lead-acid batteries

**67** Protection degree up to IP67

### CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	56 to 57.6 Volts
Maximum Current	100Amps @ 77°F (25°C)
Recommended Current	50Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

### DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	100Amps Continuous
Discharge Current 3 seconds	<300Amps
Discharge Cut-off Voltage	40 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	48 Volts
Short Circuit Protection	500A for 250µS
Short Circuit Protection Release	Disconnect the load

### 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. Meets all US and International regulations for air, ground, train and marine transport.

### SUITABLE FOR

**NOT TO BE USED FOR A STARTER BATTERY.**

REPLACEMENT FOR SLA 12V | FISH FINDERS & FLASHERS | HIKING, CAMPING & OUTDOORS





**4 X 12V 400AH DEEP CYCLE APPLICATIONS BATTERY**  
CAR ELECTRONICS & SAVE MORE FUEL

# WIRENTECH 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 6,000 charge cycles this battery will last up to 3 times longer than your typical SLA battery, providing exceptional value over time for electric vehicle owners, off grid solar users, and truckload.

## SPECIFICATIONS

<b>Energy</b> 12V 200Ah (2560Wh)	<b>Weight</b> 26KG	<b>Size</b> 20.5"x10.5"x8.6" (523x269x218mm)
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**Safety Certified Via:**  
ISO 9001:2015  
CE, MSDS, UN38.3

<b>2x</b> Twice the power of traditional batteries	<b>3x</b> 3 times longer service life	<b>5</b> 5-year quality guarantee	<b>1/3</b> One-third the weight of lead-acid batteries	<b>67</b> Protection degree up to IP67
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### CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	100Amps @ 77°F (25°C)
Recommended Current	50Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

### DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	100Amps Continuous
Discharge Current 1 seconds	<500Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	500A for 250µs
Short Circuit Protection Release	Disconnect the load

### 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. Meets all US and International regulations for air, ground, train and marine transport.

### SUITABLE FOR

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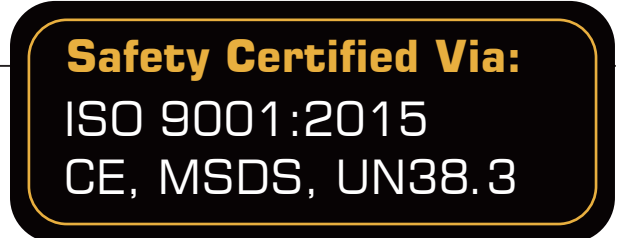


# WIRENTECH LITHIUM 12V 400AH BATTERY

When you go off grid you need to be prepared for all that mother nature can throw at you. With the 12V 400Ah 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 6,000 charge cycles this battery will last up to 3 times longer than your typical SLA battery, providing exceptional value over time for electric vehicle owners, off grid solar users, and truckload.

## SPECIFICATIONS

<b>Energy</b> 12V 400Ah (5120Wh)	<b>Weight</b> 35KG	<b>Size</b> 20.5"x10.6"x8.6" (523x269x218mm)
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**2x** Twice the power of traditional batteries

**3x** 3 times longer service life

**5** 5-year quality guarantee

**1/3** One-third the weight of lead-acid batteries

**67** Protection degree up to IP67

### CHARGING

Charging Temperature Range	32° ~ 131°F (140°F Max.)
Charge Method	CC/CV
Absorb Voltage(CC)	14.0 to 14.4 Volts
Maximum Current	100Amps @ 77°F (25°C)
Recommended Current	100Amps
Recommended CV Time	15 minutes
Charge Efficiency	99%

### DISCHARGING

Discharging Temperature Range	-4° ~ 140°F (-20°C - 60°C)
Discharge Current	100Amps Continuous
Discharge Current 3 seconds	<400Amps
Discharge Cut-off Voltage	10 Volts; Any cell (2.5 Volts)
Recommended Low Voltage Disconnect	12 Volts
Short Circuit Protection	500A for 250µs
Short Circuit Protection Release	Disconnect the load

### 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.

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