

## DLB-GC12-24V : 24V, 100Ah Lithium Blue Battery From Discover



Price: CAD \$2,499.00

**SKU:** DLB-GC12-24V

**Product Categories:** [Batteries](#), [Lithium](#), [Multi-Use : 24V](#), [Shop](#)

**Product Tags:** [24V](#), [24v lithium](#), [24v lithium battery](#), [agm replacement](#), [agm upgrade](#), [bluetooth](#), [canada](#), [discover battery canada](#), [discover DLB-GC12-24V](#), [DLB-GC12-24V](#), [DLB-GC12-24V canada](#), [golf cart](#), [lfp](#), [lfp battery](#), [lifepo4](#), [replacement](#)

**Product Page:**

<https://www.modernoutpost.com/product/dlb-gc12-24v-24v-100ah-lithium-blue-battery-from-discover/>

### Product Summary

Introducing the DLB-GC12-24V Lithium Blue Battery From Discover. When you want to upgrade your AGM battery bank to lithium in your van, RV, or cabin, this should be on the top of your shopping list. This battery is a 100Ah, 25.6V drop-in

replacement for standard GC12 DIN: Tall H7 AGM batteries (Golf Cart footprint, but taller), which makes it easy to effectively double your battery bank capacity with as much as 10x the cycle life, all in the same space at about half the weight.

## Product Description

Introducing the DLB-GC12-24V Lithium Blue Battery From Discover. When you want to upgrade your AGM battery bank to lithium in your van, RV, or cabin, this should be on the top of your shopping list. This battery is a 100Ah, 25.6V drop-in replacement for standard GC12 DIN: Tall H7 AGM batteries (Golf Cart footprint, but taller), which makes it easy to effectively double your battery bank capacity with as much as 10x the cycle life, all in the same space at about half the weight.

Discover® LITHIUM BLUE LiFePO4 Premium Series batteries offer BMS controlled safety, long life, lightning fast charging performance and real-time Bluetooth access to battery State of Charge, voltage, current, temperature status. LITHIUM BLUE batteries reflect Discover's Design for Excellence philosophy, incorporating suitcase style carrying handles, terminal protection and field serviceable fuses. LITHIUM BLUE batteries are safe, easily to install and parallel for more capacity.

### DLB-GC12-24V Special Features

#### **BLUETOOTH APP**

State of Charge

Voltage / Current

Temperature °F/°C

#### **HIGH-CURRENT BMS**

Field replaceable fuse protection

### DLB-GC12-24V Benefits

#### **ENHANCED RUNTIME**

Double the high-current runtime of lead-acid battery

Up to 100% usable capacity

Up to 100% Depth of Discharge

#### **EXTENDED SERVICE LIFE**

10x the life of lead-acid battery (BCI-06)

Unlimited Partial State of Charge cycles

Energy throughput warranty

### **FAST CHARGING**

Up to 5x faster than new lead-acid batteries

Up to 10x faster than aged lead-acid batteries

2x faster than C/2 rated lithium batteries

Opportunity charge at 1C rate anytime, regardless of SoC

### **SURGE POWER**

Surge power for inverter chargers

Up to 3C peak power discharge rate

Up to 1C continuous discharge rate

### **HIGH-EFFICIENCY**

Up to 50% more energy efficient than a lead-acid battery

Up to 98% round-trip efficiency

### **PARALLEL POWER**

Easy to parallel more capacity

Linear scaling of charge, discharge and peak capacity

### **QUICK INSTALL**

Fast installation. No special tools

Drop-in lead-acid replacement

### **RELIABLE AND SAFE**

LiFePO4 is safe

Maintenance-free

UL94 V0 flame retardant case and cover

IP 67 rated

### **CERTIFIED QUALITY**

Discover® manufacturing facilities are fully certified to ISO 9001/14001 and OSHA 18001 standards.

### **CERTIFICATION STANDARDS**

CE

UN 38.3



## SHIPPING CLASSIFICATION

UN 3480, Class 9 (Lithium batteries)

## DLB-GC12-24V Specifications

Industry Reference BCI: GC12 DIN: Tall H7

Length A (in/mm) : 12.2 / 312

Width B (in/mm) : 7.0 / 177

Height C (in/mm) : 10.9 / 276

Total Height D (in/mm) : 10.9 / 276

Weight (lbs/kgs) : 44.1 / 20.0

Terminal : ST 5/16

Electrolyte : LiFePO4

Cell(s) : Prismatic 8S1P

Case Material : UL94-VO PBT/PC

IP Rating : 67

Energy Capacity : 2560Wh

Open Circuit Voltage (V) : 25.6

Charge Voltage (Bulk Vdc) : 27.6 - 28.4

Max Absorption Voltage (U1 Vdc) : 27.6

Float Voltage (U2 Vdc) : 27.2

BMS Max. Voltage protection (Vdc) : 29.2 (Approximately)

Suggested Low Voltage Cutoff (Vdc) \* : 24

BMS Min. Voltage protection (Vdc) : 20.0 (Approximately)

Max. Continuous Charge Current (I Max. Adc) : 100

Min. Finishing Charge Current (I Min. Adc) : 2%-3% C1 / Min. 200ma

Max Continuous Discharge Current (Adc) : 100

Max. Peak Current (Adc) : 250 A RMS (2 sec)

Self Discharge (25°C / 77°F) : < 3% per month

Charge Temperature Min: 0°C (32°F) | Max: 55°C (131°F)

Discharge Temperature Min: -20°C (-4°F) | Max: 60°C (140°F)

Storage Temperature Min: -10°C (14°F) | Max: 30°C (86°F)

Electrical Specifications at 25°C. CAUTION: Extra considerations must be given to depths of discharge, operating voltages and currents when designing systems for use at maximum operating temperatures. CAUTION: Do not exceed maximum voltage at the battery terminals (Bulk Vdc)\*NOTE: 98% of battery capacity is delivered above 3Vpc (12V, 24V, 36V and 48V models)

**Download the Spec Sheet from the Discover Battery product page**

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 20 kg

## Product Gallery



