

## Beyond Batteries C400Ah 12.8V

: Lithium leisure battery

:400xa



The Beyond Batteries C400Ah LiFePO4 Bluetooth battery is our most compact battery and the perfect blend of quality and economy. This battery has been designed to affordably replace Lead Acid, Gel and AGM batteries. The foundation of this battery fulfils the needs of Motorhomes, Camper Conversions, Leisure boats and Mobile Workshops.

## Key Features

### BLUETOOTH MONITORING

Stay in control by monitoring your battery information directly on your mobile phone or tablet. No need for extra dongles, modules or shunts, just open the app to see the battery's state of charge, how much you have left, how much power is coming back in through your charging peripherals like solar, engine power or shore power.

### SAFE AND SOUND

The highest quality BMS (Battery Management System) ensures protection against over-charging, over discharging, volatile temperature fluctuations and many other variables which could affect the life of the battery.

LiFePO4 batteries are chemically the safest Lithium batteries on the market. Our batteries have been tested vigorously to ensure our products are as safe as possible.

### SMALL AND LIGHTWEIGHT

37.5kg - That's it. AGM batteries of this size are too heavy to manage at over 80kgs. Comparing an AGM battery of the same physical size you will get:

**2X** the power! - **3X** lighter weight! - **3X** longer lifespan!

### GO BEYOND - POWER YOUR ADVENTURES

Our batteries have a rated minimum lifespan of 3500 cycles at a depth of discharge of 100%.

This means you can use this battery everyday and recharge it every day for nearly 10 years!  
 Our batteries have been successfully tested beyond 6500 cycles.

## Data Sheet

<b>Nominal Capacity</b> 400ah
<b>Nominal Voltage</b> 12.8V
<b>Energy</b> 5120Wh
<b>Physical connection</b> M8 Stainless bolts, washers and spring washer - supplied
<b>Linking batteries (Parallel / Series)</b> Parallel - Up to 16 x 400Ah Batteries
<b>Charge Voltage</b> 14.6V
<b>Discharge Cut-off Voltage</b> 10.8V
<b>Charge Method</b> CC/CV
<b>Standard Charge Current</b> 10 to 50A
<b>Max Charge Current</b> 100A
<b>Peak Discharge Current</b> 210A
<b>Maximum Continuous Discharge Current</b> 210A
<b>Cycle Life</b> 3500 Times @100% DOD (70% usable capacity remaining) 7000 Times @80% DOD (70% usable capacity remaining) 13000 Times @50% DOD (70% usable capacity remaining)
<b>Connectivity</b> Bluetooth via Xiaoxiang App
<b>Internal Impedance</b> ≤80 mΩ
<b>Dimensions</b> L525 mm x W270 mm x H220 mm
<b>Weight</b> Approximately 37.5 kgs
<b>Charging Temperatures</b> 0°C to 45°C
<b>Discharge Temperatures</b> -20°C to +60°C
<b>Storage Temperature</b> 0°C to +25°C < 1 Year / -20°C to +45°C < 3 Months
<b>Testing and Certifications</b> CE, UN3480, MSDS
<b>Product Warranty</b> 4 Years from purchase date

