

**BATRIBIKE®**  
ELECTRIC BICYCLES

**ProMovec®**  
**Battery Tester**

This simple to use, Low Cost battery tester has been designed by ProMovec specifically for their range of Lithium eBike Batteries.

*(As fitted to the BATRIBIKE Range of European Electric Bikes)*



**Available Now to  
Official Batribike  
Dealers**

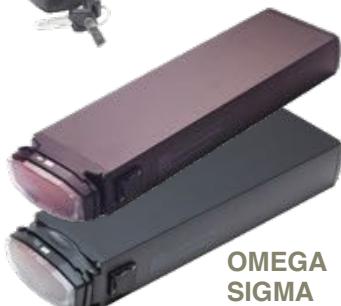
- Have confidence in the Status of Battery Health
- Offer your Customers a Battery Test Printout at point of service
- Avoid costly transportation costs associated with Lithium Batteries  
*(They are classed as dangerous goods when transported separately to the eBike)*
- Vastly reduces time taken for Warranty claims
- Usually no need for sending the battery to Batribike for analysis

**ALPHA**

Plugs into USB diagnostic port on downtube battery



Plugs into charging socket on carrier battery (Standard and XL versions)



**OMEGA  
SIGMA**

**DELTA  
& TEN**



*These models will  
be added later*



# Battery Report

Promovec

Battery Name: 50745-BL  
Battery Serial NO.: A09DC01JX0017  
Data Read Time: 02-02-2017 16:05

## 1. Battery Data:

Voltage: 41.68 V  
CycleCount: 1  
State Of Charge: 100%

Full Chg Capacity: 7.54 Ah  
Temperature: 13.85 °C  
Battery Time: 2-2-2017 18:20

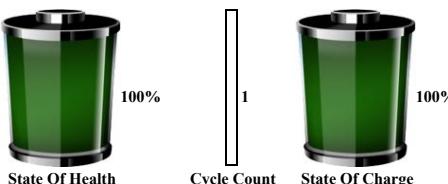
Remaining Capacity: 7.54 Ah  
State Of Health: 100%

## 2. Lifetime Data:

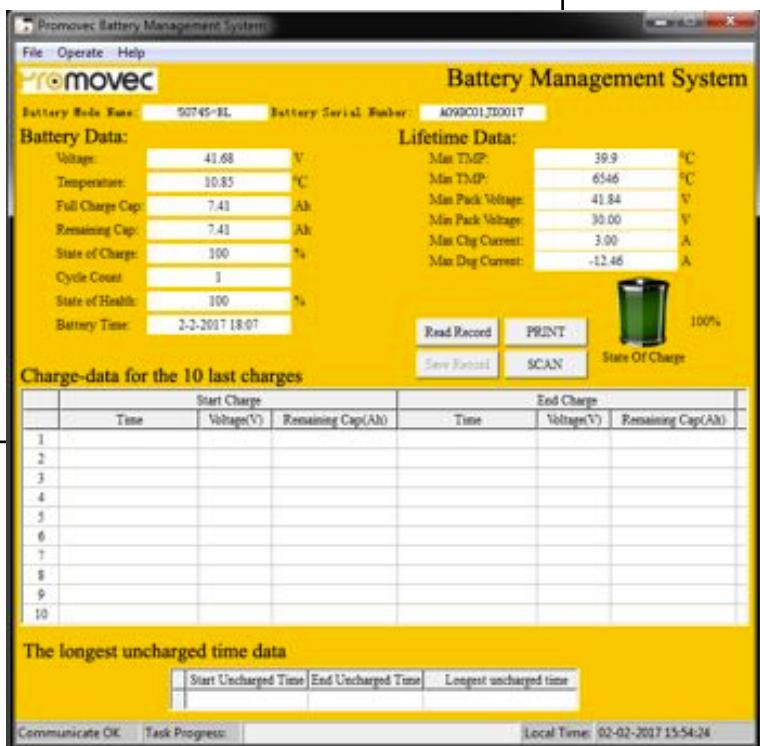
Max Temperature: 39.9 °C  
Min Voltage: 30.00 V

Min Temperature: 6546 °C  
Max Dsg Current: -12.46 A

Max Voltage: 41.84 V  
Max Chg Current: 3.00 A



Short  
Printout  
gives  
snapshot  
info



Quick scan  
shows Status  
and Charge  
Level

## Battery Report

Promovec

Battery Name: 50745-BL  
Battery Serial NO.: A09DC01JX0017  
Data Read Time: 02-02-2017 16:05

### 1. Battery Data:

Voltage: 41.68 V Full Chg Capacity: 7.54 Ah  
CycleCount: 1 Temperature: 13.85 °C  
State Of Charge: 100% Battery Time: 2-2-2017 18:20

Remaining Capacity: 7.54 Ah  
State Of Health: 100%

### 2. Lifetime Data:

Max Temperature: 39.9 °C Min Temperature: 6546 °C  
Min Voltage: 36.00 V Max Dsg Current: -12.46 A

Max Voltage: 41.84 V  
Max Chg Current: 3.00 A

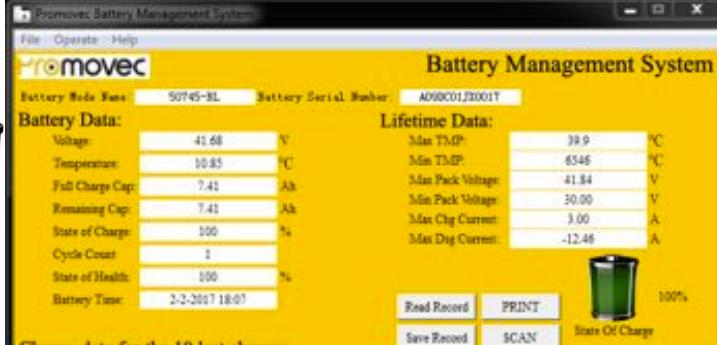
### 3. The Longest Uncharged Time:

Start from: 25-01-2017 15:44 End at: 02-02-2017 16:06  
Longest uncharged time: Days

### 4. Record Data (latest 10 times):

Start Time	Start Voltage	Start Capacity	End Time	End Voltage	End Capacity
25-01-2017 15:44	39.28 V	5.49 Ah	25-01-2017 19:58	41.81 V	7.58 Ah
18-11-2016 17:04	39.42 V	5.51 Ah	18-11-2016 20:35	41.80 V	7.34 Ah
27-09-2016 14:24	38.65 V	4.74 Ah	27-09-2016 16:35	41.72 V	7.58 Ah
16-09-2016 10:58	37.73 V	2.56 Ah	16-09-2016 15:20	41.81 V	7.62 Ah

Battery Report  
gives longest  
uncharged time  
together with date  
and times of last  
10 charges



The screenshot shows the Promovec Battery Management System software interface. It displays battery data for node 50745-BL with serial A09DC01JX0017. The battery is at 100% state of charge and 100% state of health. The software also shows the longest uncharged time from January 25, 2017, to February 2, 2017. A detailed table of the last 10 charge records is provided, along with a table for the longest uncharged time and a communication status bar at the bottom.

Start Charge Time	Start Charge Voltage(V)	Start Charge Remaining Cap(Ah)	End Charge Time	End Charge Voltage(V)	End Charge Remaining Cap(Ah)
1 25-01-2017 15:44	39.28	5.49	25-01-2017 19:58	41.81	7.58
2 18-11-2016 17:04	39.42	5.51	18-11-2016 20:35	41.80	7.34
3 27-09-2016 14:24	38.65	4.74	27-09-2016 16:35	41.72	7.58
4 16-09-2016 10:58	37.73	2.56	16-09-2016 15:20	41.81	7.62
5					
6					
7					
8					
9					
10					

**Charge-data for the 10 last charges**

Start Uncharged Time	End Uncharged Time	Longest uncharged time
25-01-2017 15:44	02-02-2017 15:54	-

Reading the Full Record gives more comprehensive information

Record can be saved and last 800 charges interrogated for full diagnostic analysis

The screenshot shows the Promovec Battery Management System software. The main window displays battery data, lifetime data, and a table of the last 10 charge cycles. A separate window titled 'Battery Report' shows detailed battery status and a graph of battery health over time.

Easy to Use comprehensive Windows based software

Software updates available on the Dealer Area of the BATRIBIKE website

Quick Scan function performed in seconds to give a Status Report

*(Full scan takes a little longer as it downloads the last 800 charge cycles)*

Automatically reads Battery Type and Battery Serial Number which is stored internally in the Battery Management System

Shows time since last charge

Maximum time between charges

Remaining battery capacity

Colour Coded Health indication

Cycle Count \*



## Highlights where Warranty Conditions have not been met

No more awkward discussions with customers claiming to have regularly charged their battery - you can see the time and date of the last 800 charging operations

\* One cycle is a full charge and discharge.

If a fully charged battery is only discharged by 20% and then recharged this counts as a fifth of a cycle. It would take a series of 5 charges like this to make up a Full Cycle

180226

## ORDER A BATTERY TESTER TODAY

Talk to Jackie in the BATRIBIKE Office

**01427 - 787774**

Battery Tester at **Only £40 + VAT**

Unit 4, Ingleby Grange, Ingleby Lincoln, UK. LN1 2PQ

**BATRIBIKE**  
ELECTRIC BICYCLES

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