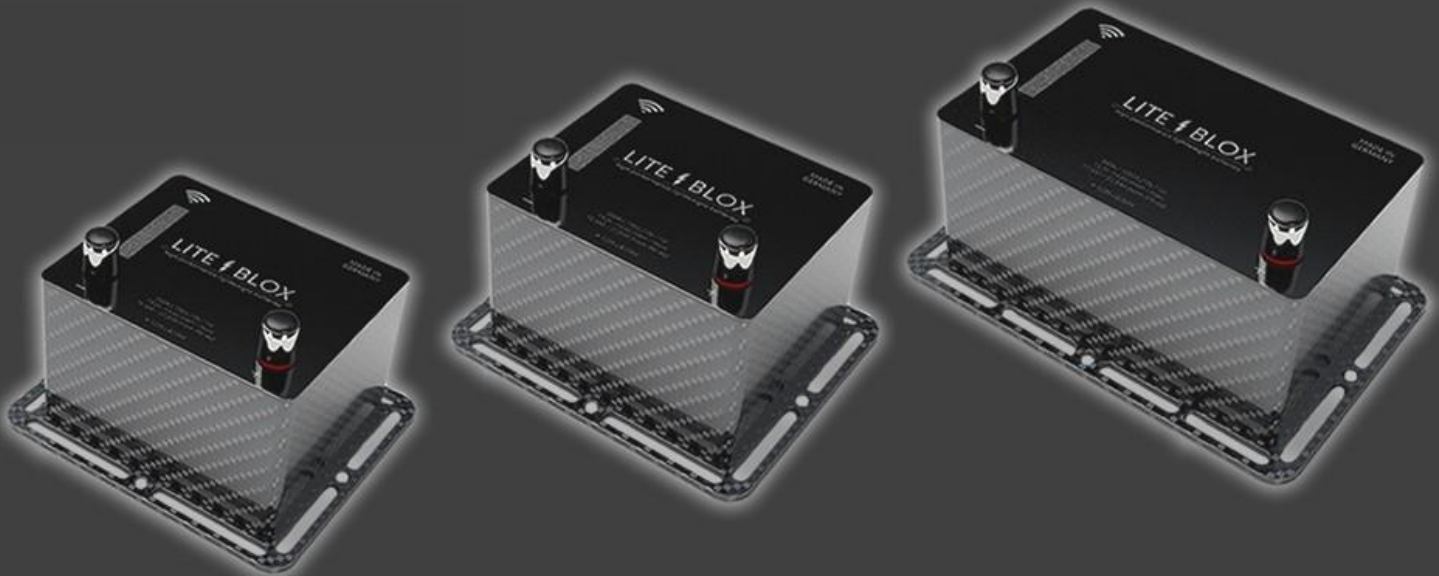


# LITE BLOX

high performance lightweight batteries

## product information

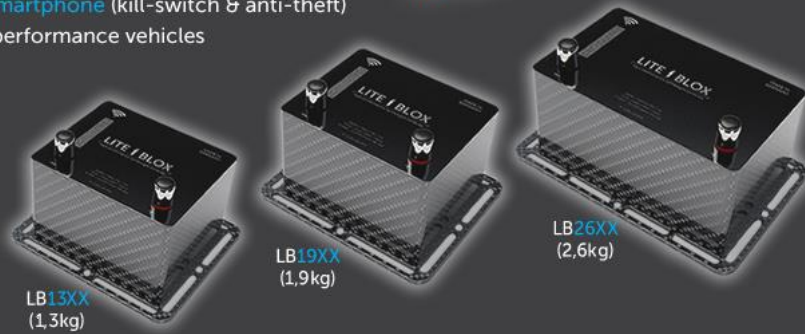


revision: April 2019

## The (r)evolutionary car battery

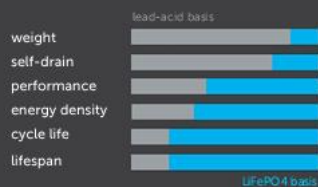
- full replacement of your heavy car battery with **less volume & weight**
- latest storage technology, implemented in a **lightweight** housing concept
- misuse protected by an **intelligent** power electronics
- wireless data monitoring & remote **operation via smartphone** (kill-switch & anti-theft)
- **highly engineered** for plug'n'play use in common performance vehicles

**++ NEW GEN4 ++**  
Active Vehicle Anti Theft  
Intelligent Kill Off Switch



### setting new standards in weight reduction

LITEBLOX replace the heavy lead-acid battery by less weight & volume, saving up to **25kg (55lbs)** while providing significant advantages:



original ratio

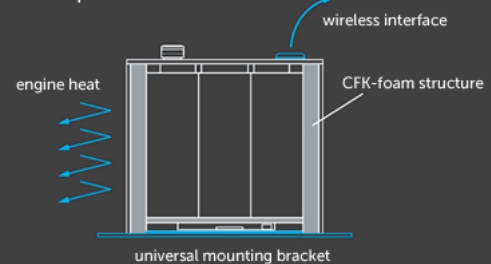
### our innovative lightweight concept

Our innovative housing concept is shielding the cells from thermal plus mechanical influences and therefore allows usage under extreme conditions, providing extended lifespan and safety.

An intelligent electronics is monitoring the charge status permanently and protects the battery cells from misuse by an implemented powerswitch with additional remote function via smartphone.

The integrated mounting bracket provides variable installation for optimal weight balance in your vehicle.

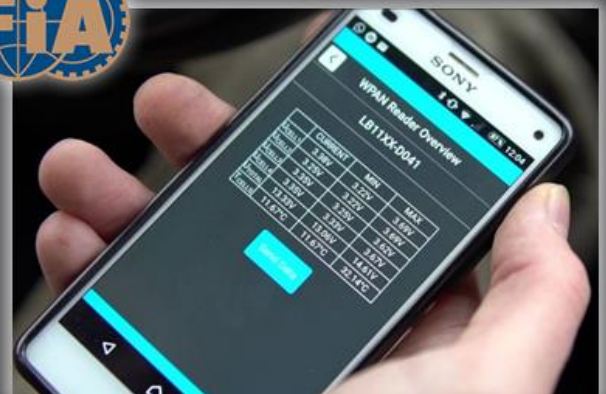
#### concept



### integrated kill-switch & vehicle anti-theft

Our **intelligent electronics** is monitoring the charge status permanently and protects the battery cells from misuse by an implemented switch with two additional features (**FIA tested**):

- 1.) **I.K.O.S.** - Intelligent Kill-Off Switch  
full disconnection via smartphone, similar to the common FIA kill switch (for emergency or extended sitting periods)
- 2.) **A.V.A.T.** - Active Vehicle Anti Theft  
while all consumers are still being provided with energy, the LITEBLOX will instantly shut down at any theft attempt



## LITEBLOX LB14XX



Our lightest high performance starter battery model comes within a thermally & mechanically decoupled CFK housing with implemented bracket plus intelligent electronics for extended control via smartphone app.

- engineered and built by hand in Germany -

MSRP: 668,07 Eur (excl. VAT)

MSRP: 795,00 Eur (incl. VAT)

### technical data

- weight: 14XXgrams\*\* (saving 13-18kg to the standard lead-acid car battery)
- dimension: 149 x 123 x 100mm (l x b x h)\*\*
- voltage: 13,2V / 15,2V (nom / max)
- capacity: 7,5Ah / 20-35Ah (nom / Pb-eq)
- current: 150A / 450A (cont / peak @ RT)\*\*
- FIA tested & DMSB homologated (*battery RLB2016-27/17*)
- lifespan: 3-5x compared to the OEM battery\*
- connection: OEM clamp onto the battery poles (DIN) or via ring terminal (M6)
- delivery scope: LITEBLOX + pole terminals + pole caps + mounting material + promotion

### application

- 2-4 cylinder engines (1000-2500ccm)\*
- limited daily car use (vehicle parking periods 1-2 weeks)\*
- not for the use in applications with intelligent alternator control (IBS / IAC) therefore use our larger models LB20XX / LB28XX
- not for the use in applications with energy recuperation (KERS) – therefore use our LB26XX model
- **typical applications:** Audi 80 100 A1 A2 A3 A4 TT B5 B6 BMW E30 E36 Caterham Super7 Seven 165 / 275 Citroen Saxo Fiat 500 Abarth Ford Fiesta / Focus RS MK1 MK2 Honda Civic / CRX / S2000 Kia Rio Lancia Delta Lotus Elise Mazda MX5 3 MPS Mercedes W124 W201 E190 Mini Cooper R50 R51 R52 R53 R54 Mitsubishi Colt / Evo Evolution Mazda 5 RX7 RX8 Nissan 350Z 370Z GT-R R32 R33 R34 Skyline / Silvia Opel Kadett Ascona Corsa Astra OPC Renault Clio RS 1 2 / Megane RS 1 2 Seat Ibiza Toledo Leon Cupra Skoda Fabia / Octavia RS Subaru WRX STI Impreza / BRZ Suzuki Swift / Ignis Toyota Celica / Supra / GT86 VW (1-5 I-V) Polo / Golf / Scirocco / Käfer Westfield Super7

## LITEBLOX LB20XX



Our mid-size high performance starter battery model comes within a thermally & mechanically decoupled CFK housing with implemented bracket plus intelligent electronics for extended control via smartphone app.

- engineered and built by hand in Germany -

MSRP: 920,17Eur (excl. VAT)

MSRP: 1095,00Eur (incl. VAT)

### technical data

- weight: 20XXgrams\*\* (saving 15-20kg to the standard lead-acid car battery)
- dimension: 149 x 123 x 100mm (l x b x h)\*\*
- voltage: 13,2V / 15,2V (nom / max)
- capacity: 12,5Ah / 35-50Ah (nom / Pb-eq)
- current: 250A / 750A (cont / peak @ RT)\*\*
- FIA tested & DMSB homologated (RLB2016-26/17)
- lifespan: 3-5x compared to the OEM battery\*
- connection: OEM clamp onto the battery poles (DIN) or via ring terminal (M6)
- delivery scope: LITEBLOX + pole terminals + pole caps + mounting material + promotion

### application

- 4-8 cylinder engines (2500-4000ccm)\*
- daily car use (vehicle parking periods 2-4 weeks\*)
- for the use in applications with intelligent alternator control (IBS / IAC)
- not for the use in applications with energy recuperation – therefore use our LB28XX model

- typical applications: Audi 80 100 A1 A2 A3 A4 TT TTS TTRS B5 B6 Alfa Romeo 4c / Giulietta BMW E-Serie 1M M3 E30 E36 E90 E92 / F-Serie M2 M3 M4 Caterham Super7 Seven 355 / 485 Fiat 500 Abarth Ford Fiesta / Focus RS MK3 MK4 / Mustang Honda Civic / CRX / NSX / S2000 Hyundai Genesis Lancia Delta Lexus IS (F) Lotus Elise Elan Exige Evora Europa Mazda MX5 3 5 RX7 RX8 MPS Mercedes W124 W201 E190 E300 Mini Cooper R50 R51 R52 R53 R54 R55 R56 R58 S Works Mitsubishi Colt / Evo Evolution Nissan 350Z 370Z GT-R R32 R33 R34 R35 Skyline / Silvia Opel Kadett Ascona Corsa Astra OPC Porsche 911 993 964 986 987 996 997 718 981 Cayman Boxster Renault Clio MK1 2 3 4 / Megane MK1 2 4 4 RS Trophy Seat Ibiza Toledo Leon Cupra Skoda Fabia / Octavia RS Subaru WRX STI Impreza / BRZ Suzuki Swift / Ignis Toyota Celica / Supra / GT86 VW (1-6 I-VI) Polo / Golf R Clubsport S / Scirocco / Multivan T4 VR6 4motion / Käfer Westfield Super7 Exige Evora Europa / Lexus IS (F)

## LITEBLOX LB28XX



Our flagship high performance starter battery model comes within a thermally & mechanically decoupled CFK housing with implemented bracket plus intelligent electronics for extended control via smartphone app.

- engineered and built by hand in Germany -

MSRP: 1424,37Eur (excl. VAT)  
MSRP: 1695,00Eur (incl. VAT)

### technical data

- weight: 28XXgrams\*\* (saving 17-22kg to the standard lead-acid car battery)
- dimension: 202 x 123 x 100mm (l x b x h)\*\*
- voltage: 13,2V / 15,2V (nom / max)
- capacity: 17,5Ah / 50-65Ah (nom / Pb-eq)
- current: 350A / 1050A (cont / peak @ RT)\*\*
- FIA tested & DMSB homologated (RLB2016-25/17)
- lifespan: 3-5x compared to the OEM battery\*
- connection: OEM clamp onto the battery poles (DIN) or via ring terminal (M6)
- delivery scope: LITEBLOX + pole terminals + pole caps + mounting material + promotion

### application

- 4-12 cylinder engines (2500-XXXXccm)\*\*
- daily car use (vehicle parking periods 4-6 weeks)\*
- for the use in applications with intelligent battery management systems incl. energy recuperation
- typical applications: AC Cobra Audi TTS TTRS RS3 RS4 R8 S RS B6 B7 Alfa Romeo Giulietta Bugatti Veyron BMW E-Serie M3 M5 / F-Serie M2 M3 M4 M5 M6 Caterham Super7 Seven 355 / 485 Chevrolet Camaro Corvette Dodge Charger / Challenger / Viper Ferrari 308 328 348 355 360 365 400 412 430 456 458 488 512 612 812 F12 F40 F50 Enzo Ford Mustang / GT40 GT Honda NSX Jaguar F-Type Koenigsegg CCR CCX Agera Lamborghini Diabolo Gallardo Murcielago Huracan Aventador Lexus IS (F) ES LS RC SC Mercedes Benz E-Serie C-Serie AMG GTS GTR Mosler MT900 Nissan GT-R R35 Skyline Pagani Zonda Huayra Porsche 911 9X1 991 991.2 GT2 GT3 RS / Carrera GTSpyker C8 C12 Toyota Supra VW (7 VII) Golf 7.5 R Clubsport S / Multivan T5

\* depending on usage, setup, peripheral, etc.

\*\* since every LITEBLOX is built by hand, there might be marginal deviations in these values

LITE⚡BLOX vehicle-configurator:  
[www.liteblox.de/fahrzeug-konfigurator-liteblox-batteries/](http://www.liteblox.de/fahrzeug-konfigurator-liteblox-batteries/)

online-FAQ:  
[www.en.liteblox.de/knowledge-lithium-car-battery/](http://www.en.liteblox.de/knowledge-lithium-car-battery/)

\*LITE⚡BLOX App for free download:  
Android → [www.play.google.com/store/apps/details?id=de.liteblox.litebloxreader2](http://www.play.google.com/store/apps/details?id=de.liteblox.litebloxreader2)  
IOS → [www.itunes.apple.com/de/app/liteblox-remote/id1343292009](http://www.itunes.apple.com/de/app/liteblox-remote/id1343292009)



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