



DIAVELO



HOW TO CREATE AN AWARD WINNER





PASSION
FOR E-BIKE

QUALITY
DESIGN
INNOVATION



IT'S ALL
ABOUT
THE SMALL
DETAILS





Brose mid motor

A mid motor is not only a mid motor, and we have chosen to work with Brose to bring you the best in reliability and function. Based on a Germany-made steering motor that has been supplied in millions to the automotive industry, the Brose system is the only system offering complete dis-engagement And no resistance when pedalling at higher speeds than 25km/h

DANISH DESIGN
MEETS GERMAN QUALITY

MOTOR INTELLIGENS

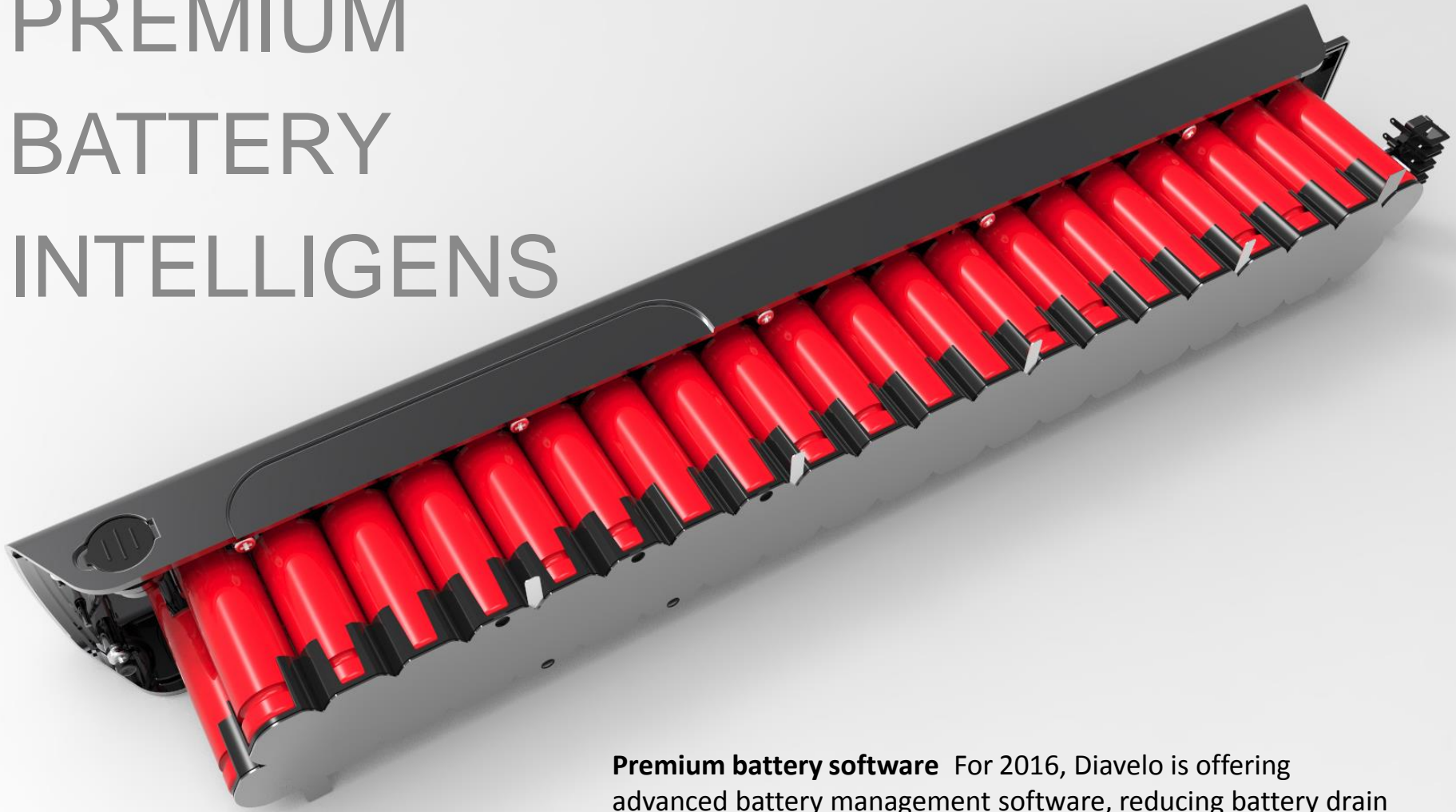


Enhanced controllers
Our new controllers have improved circuits, software and connectors. By using unique, modular contacts, service is significantly easier than before, and reliability has been improved by using improved MOSFET circuits on the controller boards.



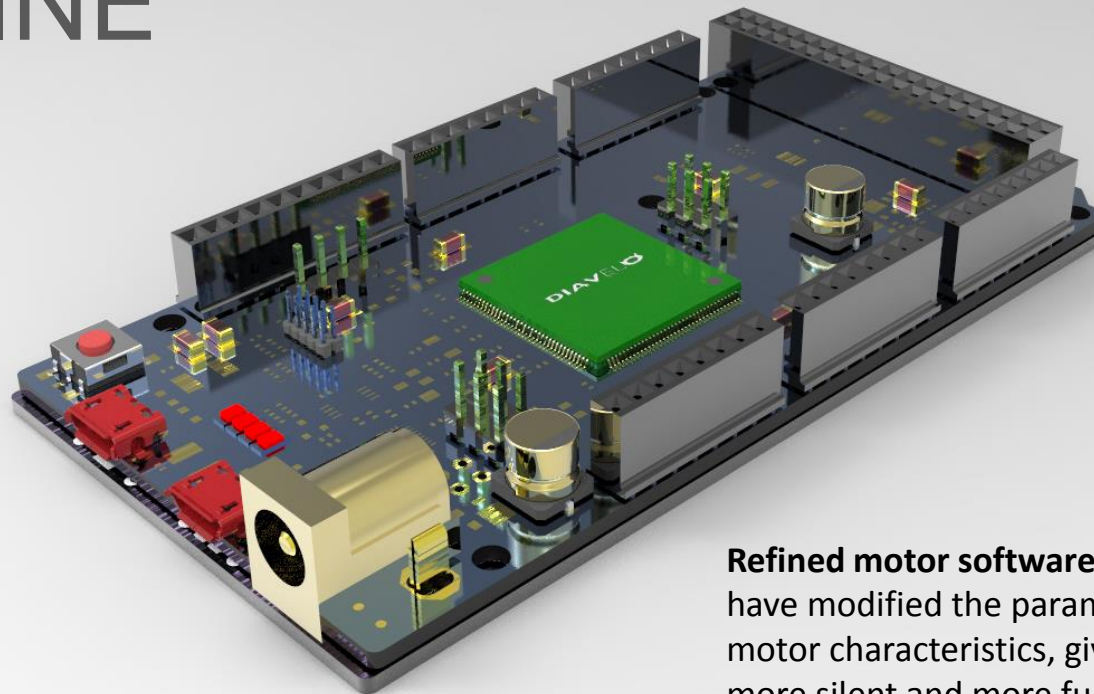
PATENTED
TECHNOLOGY

PREMIUM BATTERY INTELLIGENS



Premium battery software For 2016, Diavelo is offering advanced battery management software, reducing battery drain in storage and enabling dealers and distributors to easily check logs and battery-health upon service or warranty requests.

DEFINE AND REFINE



Refined motor software During our testing, we have modified the parameters that controls the motor characteristics, giving the riders a smoother, more silent and more fun experience. Assist- and torque profiles have been modified to make Diavelo e-bikes even more appealing for consumers, both during demos and after purchase.

A close-up photograph of a bicycle's rear drivetrain. The frame is a metallic copper color. A black GearSensor is mounted on the rear dropout, connected to a cable. A black pedal with the 'TRUVATIV' logo is visible. The rear wheel and chain are also shown.

SMOOTH OPERATOR

GearSensor We know that using mid motors can result in poor shifting and extra strain on the drivetrain, especially when using high torque motors like MaxDrive and Brose. By collaborating with GearSensor the loads are reduced for a brief moment while shifting, resulting in smooth gear changes and higher drivetrain reliability.



CUSTOMER BENEFIT

A patented removable and integrated frame intelligent battery We have for the years been using the only solution for integrated batteries that avoids any compromise to frame stiffness and everyday use. With our patented twin chamber system you will have sleek looks, easy removal battery and a good designed frame. For any other system, you will loose at least one of those three aspects.

THE MOTOR ALTERNATIVE



MaxDrive mid motor system

When choosing mid motor systems, there is no doubt that torque and noise are important factors to consumers. With our technology and optimizations, the MaxDrive has become the best choice for those wanting a powerful feeling, low noise and the patented inside frame battery system.

A close-up photograph of the frame of a Diavelo electric bicycle. The frame is primarily black with a prominent orange section on the top tube and down tube. The bicycle is shown from a side-front perspective, highlighting the handlebars, front fork, and the integrated battery pack on the down tube. The background is a plain, light grey.

FRAME WORK

The multiple award winning frame is the cornerstone of a Diavelo electric bicycle. Well Known for its beauty and sleek design by The viewers. Adored by the riders for its stiffness and strength. The frame is made from aluminium and is a hydroformed Construction patented by Diavelo. It is light and well balanced because of the construction. The frame has won both Taipei Cycle d&I Awards and Eurobike awards.



THANK YOU
FOR YOUR
ATTENTION

DIAVELO BOOTH M1107



