



Battery Solutions

Tailored Technology Solutions

YOUR CHALLENGE IS OUR MOTIVATION



An award-winning technology pioneer, with 36 years of multi-sector experience, a mega-factory and 17 offices based around the world, clientele from over 157 countries Vestel has already proven its credentials in the sustainable technology market, innovating in the consumer electronics, home appliance, professional displays and LED lighting industries to produce world-leading, record-breaking energy efficient products for every aspect of life.

Manufacturing at the highest quality standards requires discipline as well as a client – orientated mind set and true R&D.

Our signature R&D capabilities have allowed us to take a step into the automotive electronics industry and our passion to grow have allowed us to produce tailored technology solutions with top quality and innovation.

VESTEL

IONIA

Get more energy!



From designing and developing your products from scratch to manufacturing BMS hardware and software, your product is designed and manufactured in-house with engineers using FMEA methodology and latest technology simulation tools to ensure design quality.

Utilizing our verified test facilities to perform extensive in-line testing of each unit in production.



Quality tailored to your standards



One of the first products
to be **entirely EN 50604-1**
certified.

Battery Packs that can lift 1000x its
own weight and safety tested under
salt water for over 3 hours.





Production

tailored to your needs



Laser welding

Laser welding for better performance and long term reliability. Low & homogeneous resistance and durable connections of cells are ensured



Secured with liquid sealing

Our liquid sealing technology prevents components from coming into contact with the external frame, further preventing vibration and providing water resistance



Under one roof

All contents of your order including the charger are produced in the same factory



Innovation tailored to your ideas

Our signature R&D department has dedicated itself to developing tailored battery solutions



Designed and manufactured in-house

From designing and developing your products from scratch to manufacturing BMS hardware and software



Safety First

Utilizing our verified test facilities to perform extensive in-line testing of each unit in production.



Solutions

tailored to your challenges

User-friendly IONIA app to monitor your battery

More energy less space with our new 21700 cells

5A fast charging zero to 50% charge in just 1 hour

Wireless servicing capability using our after sales support tools

IP67 Magnetic connector for easy mounting

USB Charging transforms the battery pack into a huge powerbank for mobile devices

Industrial grade ventilation preventing the formation of water condensation whilst balancing out the air pressure

Downtube **DT01**



Product Specifications

Nominal Voltage	36V
Capacity	540Wh
Cells	21700 5Ah NCA/NCM, Si+Gr
Charge Connector	6A, upto 3000 cycles
Discharge Connector	30A, upto 2500 cycles
Charger	2A, 4A or 5A charge current
Life Cycle	1000 cycles <i>without significant loss of power</i>
Other Features	Bluetooth One key system (optional) UV proof components IP66 level water proof design IK08 impact resistance design IEC 62133-2, EN 50604-1, UN38,3 USB charge (optional)
Dimensions L x W x H	352 x 95 x 86 mm
Weight	2.8 kg (battery only)
Color	Black

All product, product specifications and data are subject to change without notice to improve reliability, function or design or otherwise.

Rear Carrier

RC01

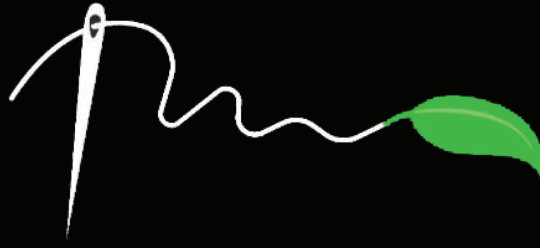


Product Specifications

Nominal Voltage	36V
Capacity	15Ah (16.8AH in 2021)
Cells	21700 5Ah NCA/NCM, Si+Gr
Charge Connector	6A, min. 3000 cycles IP67
Discharge Connector	30A, min. 2500 cycles IP67
Charger	2A, 4A or 5A charge current
Life Cycle	1000 cycles <i>without significant loss of power</i>
Other Features	Bluetooth One key system (optional) UV proof components IP66 level water proof design IK08 impact resistance design EN 15194 approved USB charge (optional)
Dimensions L x W x H	345 x 120 x 78 mm
Weight	2.8 kg (battery only)
Color	Black

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TAILORED TO
OUR FUTURE



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