



SUMMIT®

Lithium-ion Batteries

36V Li-ion Batteries

48V Li-ion Batteries

+ Specifications	SE-3611	SE-3617	SE-4814
Nominal Voltage	36 V	36 V	47 V
Capacity Nominal (Rated*)	11.6 Ah (11 Ah)	17.4 Ah (16.5 Ah)	14.5 Ah (13.8 Ah)
Nominal Energy	420 Wh	630 Wh	683Wh
Size	12.6 x 3.5 x 5.1" 32 x 9 x 13 cm	16.1 x 3.5 x 5.1" 41 x 9 x 13 cm	16.1 x 3.5 x 5.1" 41 x 9 13 cm
Weight	6.1 lbs (2.75 kg)	8.8 lbs (4.0 kg)	9.4 lbs (4.25 kg)
+ Operating Specifications			
Operating Voltage	42.0 ~ 30 V	42.0 ~ 30 V	54.6 ~ 40 V
Maximum Discharge Current Continuous (Peak-30 Seconds)	15 A (25A)	20 A (25 A)	20 A (30 A)
Maximum Charge Current	5 A	7 A	5 A
Temperature Range** Discharge (Charge)	-20° to 60°C (0 to 60°C)	-20° to 60°C (0 to 60°C)	-20° to 60°C (0 to 60°C)
SE-3617 and SE-4814 available starting Q2 of 2015			

*Rated capacity measured during a constant 2-hour discharge

**Power regulation is required above 45°C

+ Integrated BMS Features

- CAN 2.0B
- Programmable Protection & Communication
- Precise State of Charge Reporting
- Cell Balancing
- High Temperature Cutoff
- Overcurrent Cutoff
- Overcharge Protection
- Overdischarge Protection
- Short Circuit Protection

+ System Features

- Removable down tube mounted battery
- Keyed lock
- LED state of charge indicator
- Energy Bus discharge connector
- XLR charge connector

+ Integrated Thermal Management

AllCell batteries are protected by our proprietary Phase Change Composite (PCC™). The PCC absorbs waste heat ensuring uniform pack temperature, and has passed the UL 94 V-0 flammability test. The result is industry leading safety with extended cycle life.



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Unlike many other premium e-bike batteries which require the purchase of a complete drive train system, the Summit® battery is an industry leading stand-alone e-bike battery. The Summit's elegant design allows for straightforward mounting and includes an advanced, programmable battery management system. The Summit® has 36 & 48 volt versions available with capacity options up to 17 Ah.

+ Increased Life Cycle

AllCell's PCC™ material prevents the Li-ion cells from overheating, improving cycle life by 50% - 100%, minimizing customer returns.

+ Effortless Adaptability

The removable battery includes an easy-to-install 2-screw mounting rail and standard Rosenberger discharge connector, making it a perfect fit for most motor brands, conversions, and replacements.

+ Flexible Mounting

With a down-tube mounting location, the Summit® provides maximum flexibility to support front hub, mid-drive, and rear hub motors across a wide range of power and drive-range requirements.



+ Programmability

An advanced proprietary battery management system (BMS) provides the Summit® with CANbus communication capabilities to support state-of-the-art functionality and protection, including programmable operation and configurable communication parameters.

+ Safety and Shipping

AllCell's proprietary PCC™ material protects our batteries from overheating, preventing battery fires. AllCell strictly adheres to all domestic and international shipping regulations and rules and assists customers with UN/IATA certification, hazardous materials regulations, and training. AllCell's PCM has passed the UL 94 V-0 Flammability test.