



NAKED™

24V Li-ion Batteries



High Energy (HE) Packs

+ Specifications

HE-2410

HE-2420

Nominal Voltage

26 V

26 V

Capacity Nominal (Rated*)

10.4 Ah
(9.8 Ah)

20.8 Ah
(19.5 Ah)

Nominal Energy

269 Wh

539 Wh

Size

5.9 x 3.0 x 3.4"
15 x 8 x 9 cm

11.7 x 3.0 x 3.4"
30 x 8 x 9 cm

Weight

3.5 lbs (1.6 kg)

7.0 lbs (3.2 kg)

+ Operating Specifications

Operating Voltage

29.4 ~ 21.0 V

29.4 ~ 21.0 V

Maximum Discharge Current Continuous (Peak)

20 A (32 A)

40 A (64 A)

Maximum Charge Current

5 A

10 A

Temperature Range** Discharge (Charge)

-20° to 60°C
(0 to 60°C)

-20° to 60°C
(0 to 60°C)

*Rated capacity measured during a constant 2-hour discharge at room temperature

**Power regulation is required above 45°C

+ Integrated BMS Features

Standard

- Cell Balancing
- High Temperature Cutoff
- Overcurrent Cutoff
- Overcharge Protection
- Overdischarge Protection
- Short Circuit Protection

Optional

- CAN 2.0B
- Programmable Protection & Communication
- Precise State of Charge Reporting

+ System Features

- XLR charge connector
- Bare discharge leads
- Extended cycle life
- Excellent energy density

+ 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 flammability test with V-0 rating. The result is industry leading safety with extended cycle life.



NAKED™

Lithium-ion Batteries

AllCell's Naked™ batteries are simplicity at its finest. Originally developed for e-bikes, Naked batteries are ideally suited for customers who would like to avoid investing in a custom-designed solution. Naked packs are built with basic high quality components, keeping costs low while delivering premium performance. Every Naked battery is protected by AllCell's proprietary PCC™ thermal management material, optimizing cycle life and safety.

+ Compact Size & Weight

Fit more amp-hours into your battery case and deliver more operating time per pound. AllCell batteries combine the highest quality cells with effective heat management to deliver industry leading energy density.



+ Increased Life Cycle

AllCell's patented thermal management material prevents cells from overheating, improving cycle life, minimizing customer returns, and protecting against fire or explosion.



+ Adaptability

Naked™ batteries come in several compact sizes and voltages, making them a perfect fit for a variety of motors, inverters, and duty cycles.

+ Programmability

An optional advanced proprietary battery management system (BMS) provides the Naked™ 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.

