

# VARTA SOLUTIONS APPLICATION SPECIFIC BATTERIES

## 24V & 48V Lithium Battery Modules Scalable from 0.58kWh to 41.4kWh

VARTA's new range of Application Specific Batteries (ASB) offers smart, modular system energy for 24V and 48V applications. ASB makes building applications easier for OEMs so they can focus on their own product.



[www.varta-storage.com/asb](http://www.varta-storage.com/asb)

### YOUR BENEFITS



#### SAVE TIME AND EFFORT

Assemble, configure and go!...with dynamic, automatic Primary/Secondary indication built in to every BMS.



#### ONE MODULE - MULTIPLE APPLICATIONS

Configure up to 25 modules in any orientation, fitting a wide-range of flexible mechanical configurations right up to 41.4kWh.



#### CHOICE

Both NMC and Lithium Iron Phosphate chemistries available in 24V and 48V, providing maximum choice for your development...while retaining the convenience of an off-the-shelf product



#### HIGH ENERGY DENSITY

Save space with up to 278Wh/l and 166Wh/kg (Easy Blade) thanks to optimized mechanical design



#### REDUCED COST OVER LIFETIME

Runs and runs...exceed 4,000 cycles and run your product without replacing the battery for 10 years using VARTA's Easy Block



#### CAN COMMUNICATIONS

Full and flexible system control and reporting between charger, battery and device.

### DESIGN FEATURES

- ▼ Up to 1500A continuous discharge current for truly high-power solutions
- ▼ Primary/Secondary architecture enabling up to 25 ASB modules to perform as a single battery automatically with redundancy
- ▼ Configurable parameters
- ▼ Individually packaged in UN38.3 suitable packaging, for easier onward transport for spares or repairs
- ▼ Certified to IEC62133-2:2017 out of the box, with additional certifications available on request
- ▼ Prepared for own-charger development or for use with charging options directly from VARTA.

### MODELS

Easy Blade 24	25.9 V / 64Ah
Easy Blade 48	51.8 V / 32 Ah
Easy Block 24	25.6 V / 22.8 Ah
Easy Block 48	51.2 V / 11.4 Ah

### APPLICATION EXAMPLES

