



## Aeon Battery

A48-40-01 / A48-40-02

Take charge of your energy. Zenaji's Aeon Battery provides an economically viable lifetime solution for your home energy storage.

*Cutting edge battery delivering market-leading technology and economic savings*

The Aeon Battery offers the most **robust, safest, longest life** and most **cost effective** solution available today. With a **no frills** design, the Aeon Battery is **easy** to install and can be **expanded** in the future to provide you with peace of mind in your storage **investment**.

### Lifetime Solution

The Aeon battery lasts for 22,000 cycles, and has a tough weatherproof aluminium case providing a lifetime energy storage solution.

### Superior Performance

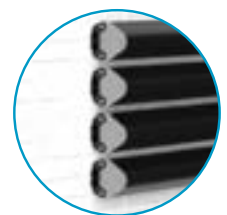
Each Aeon Battery provides 1.93kWh of energy storage. Superior cycling performance allows 3 cycles a day to take full advantage of your energy production and off peak energy pricing plan.

### Smart Design

Simple inside or outside installation, easily mounted on a wall, with a space efficient design and modern aesthetics (comes with mounting brackets)



Easy system Expansion



Horizontal mount



Simple lock security



Vertical mount



Specification	A48-40-01	A48-40-02
Nominal Capacity (25°C ± 5°C)	1.93KWh (40Ah)	
Chemistry	Lithium Titanate (LTO)	
Dimensions (Height x Width x Depth)	1600 x 155 x 145 mm	1635 x 155 x 145 mm
Nominal Voltage	48.3V	48.3V
Charge Cut-off Voltage (Bulk/Absorption Voltage)*	55.5V	56.5V
Float Voltage*	54.5V	55.5V
Discharge Cut-off Voltage (Low Cut-off Voltage)*	42V	42V
Low Restart Voltage (Reconnect Voltage)*	46V	44.6V
Mass	36kg	
Max Continuous Charge /Discharge Current (25°C ± 5°C)	50A (1.25C)	
Max Pulse Charge/Discharge Current (10s, 25°C ± 5°C)	120A (3C)	
Battery Management System	Internal cell balancing, Over-current trip	Internal cell balancing, failure detection and trip. Under-Voltage, Over-Voltage, Over-Current, Over-Temp, Under-Temp protection and trip
Isolation & Distribution Block Requirement	50A per battery connected in parallel	
Operating Temperature	-40°C to 60°C (recommended 5°C to 35°C)	
Storage Temperature	-5°C to 35°C	
Cycle Life (1C, 25°C ± 5°C)	22,000	
Depth of Discharge	100%	
Round Trip Efficiency (1C, 25°C ± 5°C)	96%	
Ingress Rating	IP65	
Installation	Indoors or outdoors	
Connections	8mm <sup>2</sup> (8 AWG) (Ø3mm) wire per pole	
Warranty	20 Years or 22,000 cycles, whichever comes first, see warranty document for details	

\*common two or three stage charge and discharge settings. For specific inverter settings, please contact Zenaji.

For information on compatible inverters and chargers please visit [www.zenaji.com](http://www.zenaji.com)



Available from R&J Batteries

// 1300 769 282

// [rjbatt.com.au](http://rjbatt.com.au)

[www.zenaji.com](http://www.zenaji.com)

All product, service and technical data described subject to change without notice  
Zenaji Aeon A48-40-02 Spec Sheet | ZEN-012 | V3.1 | 21 SEPT 2020

