

Aeon Battery

A48-40

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**. (see note 1)

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

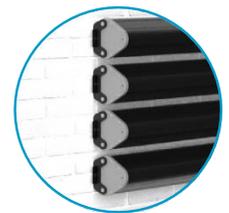
Each Aeon Battery provides 1.93kWh of energy storage. Superior cycling performance allows 3 cycles a day to take full advantage of your energy production and off peak energy pricing plan.

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
Nominal Capacity (25°C ± 5°C) (Useable Capacity)	1.93KWh (40Ah)
Chemistry	Lithium Titanate (LTO)
Dimensions (Height x Width x Depth)	1635 x 155 x 145 mm
Nominal Voltage	48.3V
Charge Cut-off Voltage (Bulk/Absorption Voltage)*	55.4V
Float Voltage*	52.2V
Discharge Cut-off Voltage (Low Cut-off Voltage)*	42.5V
Low Restart Voltage (Reconnect Voltage)*	45.6V
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, 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 ² (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.

Note 1. The process will require some equalization and balancing initially, please consult the installation manual

For information on compatible inverters and chargers please visit www.zenaji.com

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All product, service and technical data described subject to change without notice
 A48-40 Spec Sheet | ZEN-012 | V3.3.1 | 30 JUN 2025

