



Aeon Battery

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

A scalable battery system that makes economic sense

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, can be expanded in the future to provide you with peace of mind in your storage investment.

Lifetime Solution

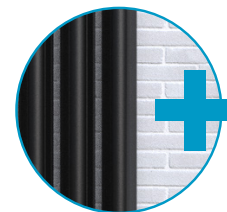
The Aeon battery lasts for 22,000 cycles and has a tough weatherproof aluminium case providing a lifetime energy storage solution.

Superior Performance

Each Aeon Battery provides 1.93kWh of energy storage, and with its superior cycling performance can cycle 3 times a day to take full advantage of your energy production and off peak energy pricing plan.

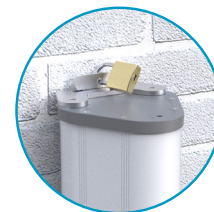
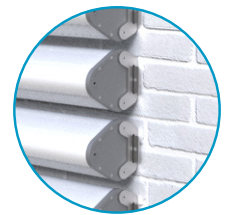
Smart Design

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



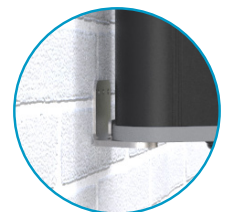
Easy system Expansion

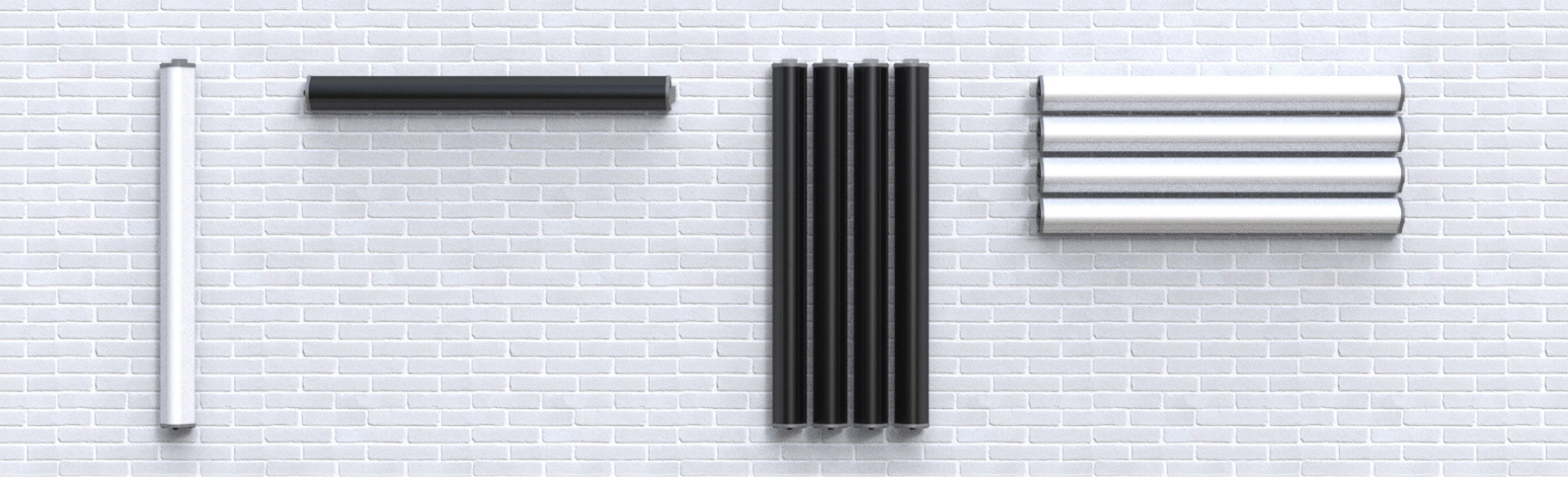
Horizontal mount



Simple lock security

Vertical mount





Technical Specifications	Aeon Battery A48-40-01
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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
Nominal Voltage	48.3V
Charge Cutoff Voltage	55.65V
Discharge Cutoff Voltage	42V
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 battery balancing and overcurrent protection
Isolation & Distribution Block Requirement	50A per battery connected in parallel
Operating Temperature	-40°C to 65°C (recommended -20°C to 55°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	8 AWG (Ø3mm) wire per pole
Warranty	20 Years or 22,000 cycles, whichever comes first

Recommended Charger Inverters*

Victron MultiPlus-II / Multiplus-II GX / Quattro
 Goodwe SBP Series / BP Series
 SMA SUNNY ISLAND 3.0M / 4.4M / 6.0H / 8.0H
 Selectronics SPMC481-AU / SPMC482-AU
 Schneider SW 4048 230
 Outback Power FXR2348E / VFXR3048E

Recommended Hybrid Inverters*

Victron EasySolar
 Goodwe EM Series / ES Series
 Sungrow SH3K6 / SH4K6 / SH5K-20 / SH5K+
 Schneider Conext XW+ 7048 E / 8548 E

Recommended Charge Controllers*

Victron SmartSolar MPPT / BlueSolar MPPT
 Schneider MPPT 60 150 / 80 600

Recommended distribution block*

Contaclip SVBA 380A (one per pole)

*recommended at time of publication, please see online for up to date list, consult your local installer or dealer to determine the best product for your application.

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