

Zenaji Eternity

LTO Energy Storage Systems



The Zenaji Eternity Energy Storage System has been developed to meet the growing demand for commercial to grid scale energy storage. With a basic building block of 30 kWh the system is scalable for commercial users up to the megawatts of power needed by utility power companies.

The ultra-long life of the Eternity makes it the lowest cost per kilowatt hour of energy stored and retrieved over its lifetime, of any Lithium Ion solution currently available. Further, the Eternity takes full advantage of the incredible charge and discharge characteristics of the Titanate chemistry along with its enhanced safety features and ability to operate in hot and cold climates.

Commercial Solutions

- Light Commercial / Industrial
- Larger Residential
- Telecommunications
- Emergency / Poortable Power
- Large Scale UPS
- Data / Processing Centres
- Farming and Micro-grid

Industrial Solutions

- Solar Farms
- Wind Farms
- Hospital backup
- Communities / Substation
- Utility / Grid backup
- Peak Smoothing

- 32 kWh Battery Rack Unit
- Temperatures -40° to 60°C
- Fully scalable from Kilowatts to Megawatts
- Easy to install
- Huge surge current capability
- Long Service life
- Ultra Safe

Contact Us

Zenaji Pty. Ltd.

Australia: +61 448 818 857

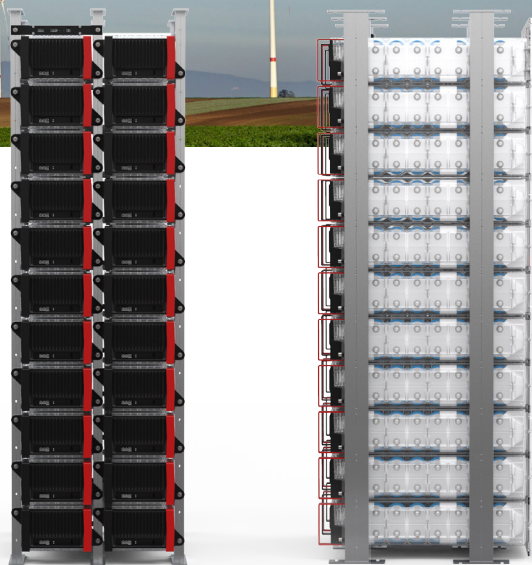
International: +61 418 104 496

2 Shearson Cres, Mentone, Victoria 3194

info@zenaji.com

www.zenaji.com





Overview	Specifications
Nominal Capacity (kWh)	32
Maximum Power (kW @ 6C)	192
Maximum Current (A @ 6C)	3840
Duty Cycle	up to 10 cycles per day
Cell Cycle Life	20,000
Key Features	
Battery Management System	Zenaji Eternity LTO Cell management
Compatible Inverters	Victron Quattro 48/15000 SMA Sunny Island Multi-Cluster
Battery Information	
Chemistry	LTO (Lithium Titanate)
Continuous C-Rate	6C
Pulse C-Rate	10C
Voltage Class	Extra-Low Voltage (120V DC)
Nominal DC Voltage (V)	50
Minimum DC Voltage (V)	45
Maximum DC Voltage (V)	55
Mechanical Information	
Package Format	Rack Unit (to fit cabinet or storage container)
Battery Racks Gross Weight (t)	0.4
Dimensions (m) (H x W x D)	1.86 x 0.6 x 0.76
HVAC	External Unit - Optional
Ambient Conditions	
Operating Temperature (°C)	-40 to 65°C
Optimal temperature (°C)	25 ± 5°C
Storage Temperature	-5 to 35°C