

Mega BRIC

World's lowest cost and longest lasting modular battery system for stationary energy storage without any compromise on safety. New and recycled Li-Ion cells compatible. Remote diagnostic and maintenance in less than 2 minutes. Just build your own configuration to power your devices with reliable and clean power.



Specifications

Battery

Cell type	18650 Lithium-ion
Configuration	100 x 0.5kwh
Total Capacity	50kWh

Mechanical

Dimensions (mm)	L800 - W800 - H2000
Mounting	Floor
Feed-in Type	Grid Tied or AC solar

Communication & Connectivity

Internet	2.4 GHz Wifi
Granularity	IoT to 0.5kWh
Remote monitoring; cell failure detection	

Environmental

Temp	5-45 deg C
Humidity	0-100%
Environment	Indoor rated

Performance

Total Energy	50kWh
Continuous Power	15KW
Peak Power	17.5KW
Scalability	>10 MWh
Warranty	10 years
Cooling	Passive convection
Maintenance	Included

Safety

Over-temp	Hard/Software
Over-current	Hard/Software
Over-Voltage	Hard/Software
Under-Voltage	Hard/Software

Smart Algorithm

Our modular 0.5kWh units allow us to monitor, track and act on a small granularity. Our architecture enables us to dynamically change the charge current, discharge current, over voltage and undervoltage parameters of individual modules corresponding to their condition output whilst conserving cell health and prioritising safety

