



A Series | Gateway

The Clenergy Gateway is the intelligent control centre of your A Series energy storage system, seamlessly managing energy flow between your home, battery, solar, and the grid with backup functionality. Designed for reliability, safety, and real-time responsiveness, it ensures uninterrupted power and optimised energy usage.

Seamless Energy Switching

Automatically transitions between grid, solar, and battery power for uninterrupted operation

Grid Interaction & Protection

Built-in protection ensures compliance and safe disconnection during faults or outages

Backup Power Enablement

Automatically transitions between grid, battery, and generator power for uninterrupted operation

Compact, Integrated Design

Engineered as part of the All-in-One system for clean installation and minimal footprint with rear wiring

Typical Applications



Full Home Backup Power



Retrofitting + EV Charging



Generator Input Ready

General Data	
Rated Voltage (V)	220/ 230/ 240
Rated Frequency (Hz)	50/ 60
Maximum Current (A) ¹	63
Number of Inverter Ports	2
Number of Grid Port	1
Backup Load Port	1
Non-backup Load Port	1
Smart Load port	1
Weight (kg)	16.5
Dimension (W x H x D,mm)	500 x 700 x 150
Operating Ambient Temperature Range (°C)	-25 ~ 60
Max. Operating Altitude (m)	< 3000
Relative Humidity (%)	0-95 (Non-Condensing)
Cooling Method	Natural Convection
Ingress Protection	IP55
Mounting Method	Wall Mounted
Wiring Support	Bottom/ Rear
Manual Bypass	Yes
Generator Support (kW)	Yes Up to 12
A Series Inverters Max. Power(kW) ²	2 units x 6(Can be connected)
A Series Batteries Max. Capacity(kWh)	96 (Per Gateway)
Digital Input/ Output	Yes
Overvoltage Category	OVC III
Communication	Wi-Fi/ 4G, Ethernet, RS485, Dry Contact

¹ The maximum whole household load (backup port and non-backup port) current is 63A

² The total power of the inverter cannot exceed 12kW

Notes:

* The maximum whole household load (backup port and non-backup port) current is 63A

* Text and illustrations were accurate at the time of creation. Clenergy reserves the right to make changes

* All information published in this document, despite exercising the greatest of care in its preparation, is subject to change; no legal liability is accepted

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