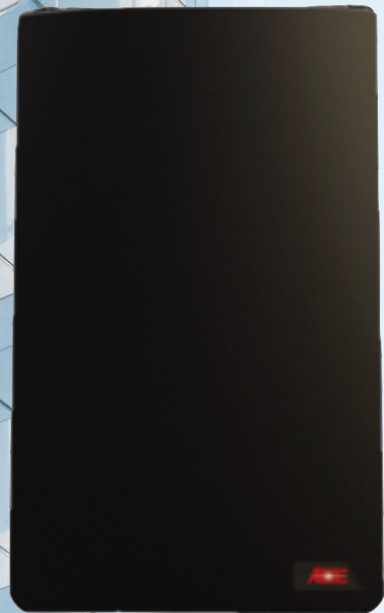




AGE Solar Energy Series

**ESS-PV Battery &
Control Unit**



All Good Energy Co., Ltd.

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AGE Solar Series

AGE ESS-PV Battery

Features

- 15 kWh capacity for a single household usage for 2 days
- Support connecting to Solar and Grid power charging sources
- Streamlined design fits any space
- Stackable to increase storage

Technical Highlights

- Automotive water cooling technology
- Int'l regulation compliance UL, CNS, IEC, ... etc

The energy storage system adopts LG lithium ternary battery, Battery Management System, Integrated System Technology (main control, thermal management), Power Grid Control System, ... etc, conforms to UL, IEC, UN and other safety standards.



AGE ESS-PV Control Unit

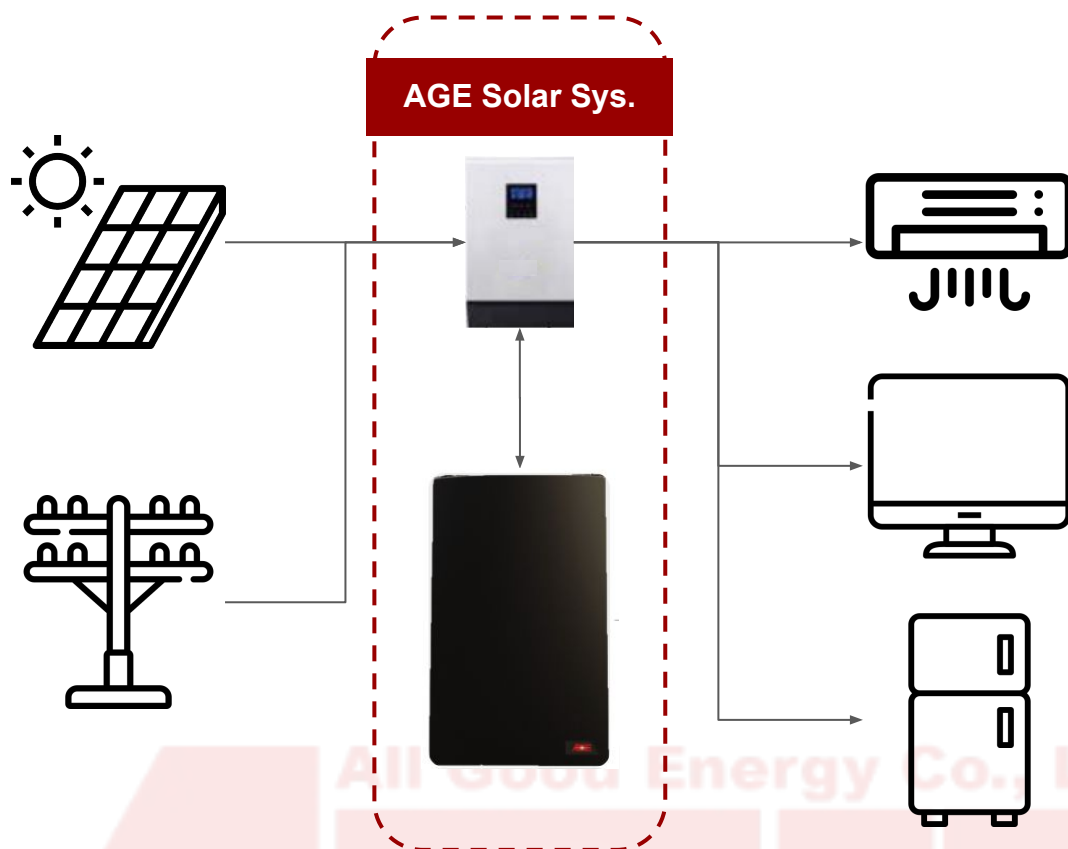
Features

- High frequency sine wave
- Friendly LCD panel UI design

Technical Highlights

- 90V~280V AC input
- Max. charging current 140A
- 93% conversion efficiency

- | | | |
|--|--|--|
|  Reliable Product |  Larger Battery Capacity |  Tested/Verified Safety |
|  Extended Battery Life |  Intelligence Power Mgt Sys |  High Quality Control |



Solar-Battery System, integrated with high efficiency MPPT solar charging system, support dual charging sources (solar and grid). The energy system efficiently stores extra electricity, which makes you independent from the power grid.



- 15 kWh for residential usage (approx. 2 Bed/2 Bath unit for up to 16 hours)
- 39" x 45" x 6" (easy installation on rooftop or in utility rooms)
- Low power consumption
- Customizable Exterior Design
- AC or DC coupled
- 12 years limited warranty

Specification (ESS-PV)	
Battery Capacity	15 kWh
Battery Cell Type	Lithium-Ion 21700 (LG)
Weight	120 kg
Battery Dimension (HxWxD)	914mmX1168mmX152mm
Control Unit Dimension (HxWxD)	295mmX455mmX155mm
Protection Rate	IP20
Communication	LAN, CAN
Monitor	LCD
Safety	UL 1973
Warranty	10 year

Input	
Max. Input Power (Solar)	2400W
Max. Input Voltage (Solar)	90Vdc
Max. Input Current (Solar)	40A

Output	
Rated Power	5kW - 9.5kW
Peak Power	13.5kW
Output Voltage	Single Phase 230 Vac
Conversion Time	10 ms (for PC/SPS); 20 ms (for home facilities)
Conversion Rate	95%



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