

enblock E12.4

Electrical Characteristics

Total Energy Capacity	13.1 kWh
Usable Energy Capacity ¹⁾	12.4 kWh
Battery Capacity	56.6 Ah
Voltage Range	180.0 to 262.8 V _{DC}
Nominal Voltage	231.8 V _{DC}
Max. Charge/Discharge Current	36.5 A
Max. Charge/Discharge Power ³⁾	6.2 kW
Battery Pack Round-Trip Efficiency	>96% (under specific condition)
Communication Interface	CAN, RS485
DC Disconnect	Circuit Breaker, Contactor, Fuse

Operating Conditions

Installation Location	Indoor / Outdoor (Stand)	
Ingress Rating	IP55	
Operating Temperature	Charging	-10 to 45°C
	Discharging	-20 to 45°C
Operating Temperature (Recommended)	15 to 30°C	
Storage Temperature	-30 to 60°C : ~7 days	
	-20 to 45°C : ~6 months	
Humidity	5% to 95%	
Altitude	Max. 2,000m	
Cooling Strategy	Natural Convection	

Certification

Safety	Cell	UL1642
	Battery Pack	CE / RCM / FCC / TUV (IEC 62619) / UL1973
Emissions	IEC61000-6-1, IEC61000-6-3	
Hazardous Materials Classification	Class 9	
Transportation	UN38.3	

- ※ Test Conditions - Temperature 25°C, at the beginning of life
- ※ Total Energy is measured under specific condition from LGES

1) Value for Battery Cell Only (Depth of Discharge 95%). Actual usable energy at the AC output may vary by condition, such as the inverter efficiency and temperature.

enblock E15.5

Electrical Characteristics

Total Energy Capacity	16.4 kWh
Usable Energy Capacity ¹⁾	15.5 kWh
Battery Capacity	56.6 Ah
Voltage Range	225.0 to 328.5 V _{DC}
Nominal Voltage	289.8 V _{DC}
Max. Charge/Discharge Current	36.5 A
Max. Charge/Discharge Power ³⁾	7.7 kW
Battery Pack Round-Trip Efficiency	>96% (under specific condition)
Communication Interface	CAN, RS485
DC Disconnect	Circuit Breaker, Contactor, Fuse

Operating Conditions

Installation Location	Indoor / Outdoor (Stand)	
Ingress Rating	IP55	
Operating Temperature	Charging	-10 to 45°C
	Discharging	-20 to 45°C
Operating Temperature (Recommended)	15 to 30°C	
Storage Temperature	-30 to 60°C : ~7 days	
	-20 to 45°C : ~6 months	
Humidity	5% to 95%	
Altitude	Max. 2,000m	
Cooling Strategy	Natural Convection	

Certification

Safety	Cell	UL1642
	Battery Pack	CE / RCM / FCC / TUV (IEC 62619) / UL1973
Emissions	IEC61000-6-1, IEC61000-6-3	
Hazardous Materials Classification	Class 9	
Transportation	UN38.3	

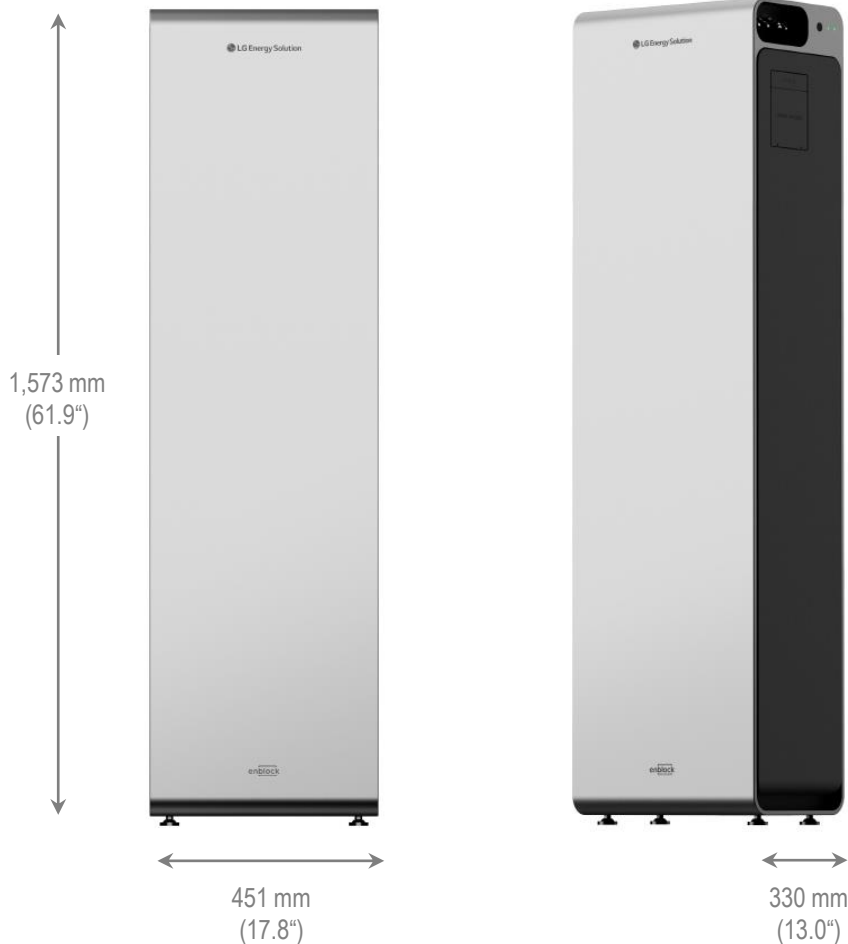
- ※ Test Conditions - Temperature 25°C, at the beginning of life
- ※ Total Energy is measured under specific condition from LGES

1) Value for Battery Cell Only (Depth of Discharge 95%). Actual usable energy at the AC output may vary by condition, such as the inverter efficiency and temperature.

Features

LG enblock E offers versatile and convenient installation options. It can be configured with 12.4 and 15.5kWh capacity.

- ❑ Quick and easy installation
 - : Cabinet-type design facilitates effortless transportation
 - : All Connector type simplifies the process of connecting power and communication connectors
- ❑ Proven Safety and 10 year warranty
- ❑ Compact size and Flexible installation options
- ❑ Easy expansion & replacement



Mechanical Characteristics

Dimensions	Width	451 mm (17.8")
	Height	1,573 mm (61.9")
	Depth	330 mm (13.0")
Weight		49 kg (108.0lbs)



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<https://www.lgessbattery.com/> <https://www.lgensol.com>