

## enblock E12

### Electrical Characteristics

Usable Energy Capacity <sup>1)</sup>	12.4 kWh
Battery Capacity	56.6 Ah
Voltage Range	180.0 to 262.8 V <sub>DC</sub>
Nominal Voltage	231.8 V <sub>DC</sub>
Max. Charge/Discharge Current	36.5 A
Max. Charge/Discharge Power <sup>3)</sup>	6.2 kW
Battery Pack Round-Trip Efficiency	>95% (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 50°C
	Discharging	-20 to 50°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

### Electrical Characteristics

Usable Energy Capacity <sup>1)</sup>	15.5 kWh
Battery Capacity	56.6 Ah
Voltage Range	225.0 to 328.5 V <sub>DC</sub>
Nominal Voltage	289.8 V <sub>DC</sub>
Max. Charge/Discharge Current	36.5 A
Max. Charge/Discharge Power <sup>3)</sup>	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 50°C
	Discharging	-20 to 50°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	

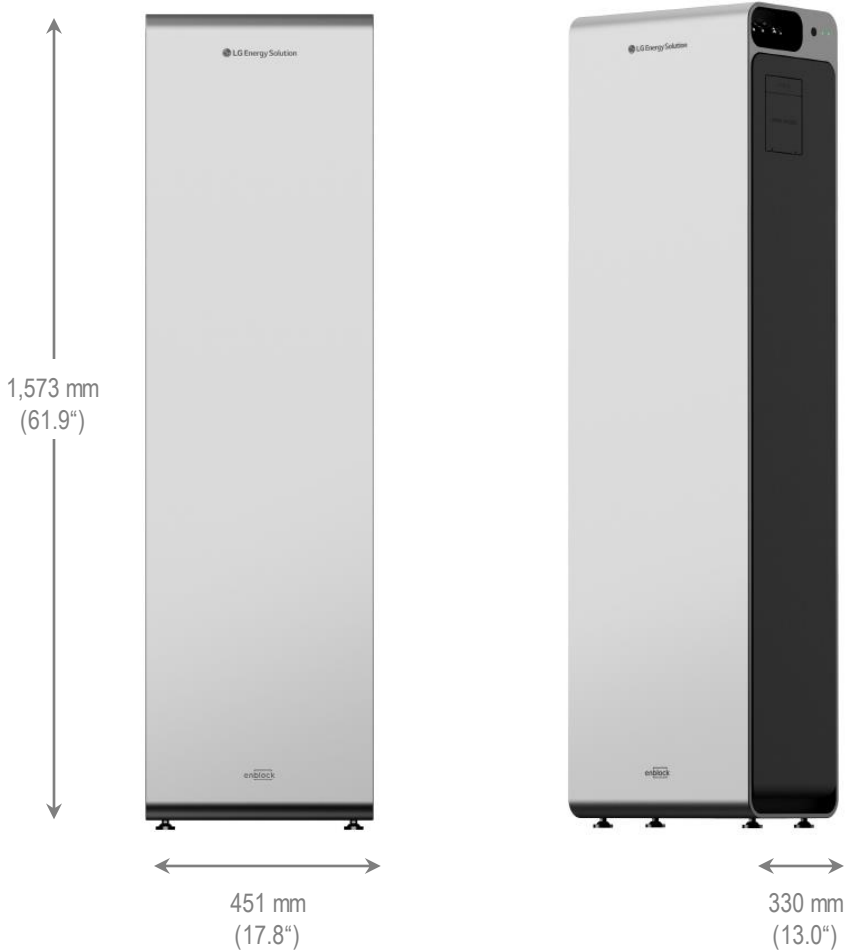
- ※ Test Conditions - Temperature 25°C, at the beginning of life
- ※ Total Energy is measured under specific condition from LGES

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.

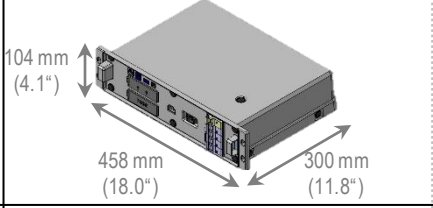
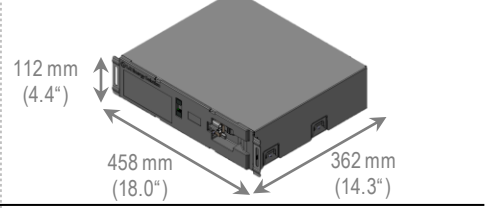
- Quick and easy installation
  - : Cabinet-type design facilitates effortless transportation
  - : All Connector type simplifies the process of connecting power and communication connectors
- Proven Safety and 10 year warranty
- Compact size and Flexible installation options
- Easy expansion & replacement



### Mechanical Characteristics (Enclosure)

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

**Mechanical Characteristics (BPU, Pack)**

Name	BPU	Pack
Image	 <p>104 mm (4.1") 458 mm (18.0") 300 mm (11.8")</p>	 <p>112 mm (4.4") 458 mm (18.0") 362 mm (14.3")</p>
Weight	4 kg (8.8 lbs)	28.5 kg (62.8 lbs)



HQ: Parc-1 LG Energy Solution, 108, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07335, Korea  
<https://www.lgessbattery.com/> <https://www.lgensol.com>