

Product Specification (1/3)

Ver 1.2

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 (Recom	mended)	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

X Test Conditions - Temperature 25°C, at the beginning of life

X 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.



Product Specification (2/3)

Ver 1.2

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 $_{\text{DC}}$
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 (Recom	mended)	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
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Emissions		IEC61000-6-1, IEC61000-6-3
Hazardous Materials Classification		Class 9
Transportation		UN38.3

- X Test Conditions Temperature 25°C, at the beginning of life
- X 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.



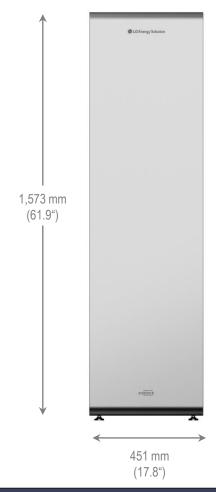
Product Specification (3/3)

Ver 1.2

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

