

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