

Product Specification (1/3)

Electrical Characteristics

		PowerBank e1.10	PowerBank e1.17
Usable Energy ¹⁾ @ 77°F (25°C)		10.6 kWh	17.7 kWh
Voltage Range	Charge	420 ~ 450 Vdc	
	Discharge	350 ~ 410 Vdc	
Max. Current		20 A	
Max. Charge / Discharge Power		5 kW	7 kW
Peak Power ²⁾		7 kW	11 kW
Communication Interface		RS485	
DC Protection		Circuit Breaker, Fuse, DCDC Converter	
Connection Method		Spring Type Connector	
User Interface		LEDs for Normal and Fault operation	
Protection Features		Over Voltage / Over Current / Short Circuit	
Scalability (Total Energy, Max. Charge / Discharge Power)		Max. 2 in parallel	

Operating Conditions

Installation Location		Indoor / Outdoor
Installation Type		Stand / Wall Mount
Operating Temperature	Charge	14 ~ 122 °F (-10 ~ 50 °C)
	Discharge	-4 ~ 122 °F (-20 ~ 50 °C)
Operating Temperature (Recommended)		59 ~ 86 °F (15 ~ 30 °C)
Storage Temperature (At shipping state)		-22 to 140 °F (-30 to 60 °C), acceptable for 7 days in total -4 to 113 °F (-20 to 45 °C), acceptable for the first 6 months -4 to 86 °F (-20 to 30 °C), acceptable for 7 th month ~ 12 th month
Humidity		5 % ~ 95 %
Altitude		Max. 6,562 ft (2,000 m)
Cooling Strategy		Natural Convection

※ Energy Measurement Test Conditions - Temperature 77°F (25°C), at the beginning of life

※ Usable Energy is measured under specific condition (0.3CCCV/0.3CC)

※ Product specification may change without notice

1) DOD 100%

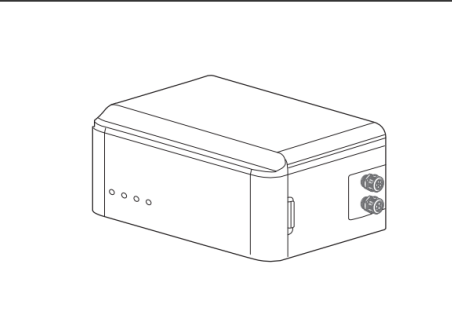
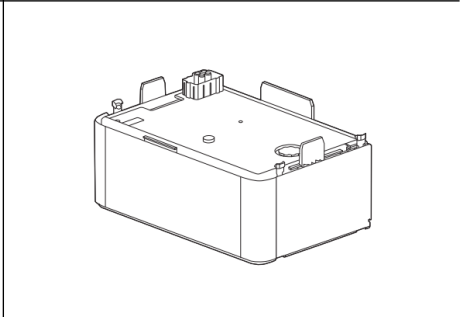
2) Peak Current excludes repeated short duration (less than 10 sec. of current pattern).

Product Specification (2/3)

Mechanical Characteristics

		PowerBank e1.10	PowerBank e1.17
Image			
Dimension	Width	535.2 mm (21.1")	
	Height	853.4 mm (33.6")	1,245.0 mm (49.0")
	Depth	351 mm (13.8")	
Weight		121.5 kg (267.9 lb)	192.1 kg (423.5 lb)

Mechanical Characteristics (BCU, BMA)

Name		BCU	BMA
Image			
Weight		14.1 kg (31.1 lb)	35.3 kg (77.8 lb)

Product Specification (3/3)

Certification & Reliability		
Battery Manufacturer		LG Energy Solution
Safety	Cell	UL1973 Annex E, IEC62619
	Battery Pack	UL1973, UL9540A
EMC		FCC
Transportation		UN38.3 (UNDOT)
Hazardous Materials Classification		Class 9
Ingress Rating		IP55 (Category2)
Working Voltage (System Voltage)		600 V
Overvoltage Category (North America)		OVC 3