

## Galvani ELB-4.5-02

## Specifications



**Sodium-ion Technology**  
Green & Sustainable Battery

**High Charge / Discharge Rate**  
Single module: Up to 100 A  
Multi-module: Up to 200 A

**Wide Operating Temperature Range**  
-20°C - 55°C

**Flexible Installation Location**  
Indoor or Outdoor

**Expandable Capacity**  
Up to 16 battery modules can be connected to provide 66.24 kWh of usable capacity.

<b>Battery Type</b>	Sodium-ion
<b>Capacity</b>	4.5 kWh
<b>Max. Charging / Discharging Current</b>	Single module: 100 A / 100 A Multi-module: 200 A / 200 A
<b>Rated Voltage</b>	45 V
<b>Operating Voltage Range</b>	33V - 59.2V
<b>Depth of Discharge</b>	92% on-grid / 95% off-grid
<b>Charging Temperature</b>	-20°C - 55°C
<b>Discharging Temperature</b>	-30°C - 55°C
<b>IP Grade</b>	IP65
<b>Humidity Range</b>	5 ~ 95%
<b>Dimensions (W x H x D)</b>	Battery Module: 640 x 350 x 250 mm Junction Box: 640 x 220 x 250 mm Base: 640 x 80 x 250 mm
<b>Weight</b>	Battery Module: 59 kg Junction Box: 11.5 kg Base: 6 kg
<b>Interface</b>	RS485 / CAN
<b>Standard</b>	EN IEC 61000-6, EN IEC 62619
<b>Product Warranty</b>	10 Years