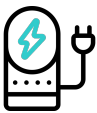


## Volta ELB-4.5



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



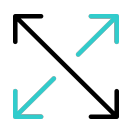
**High Charge / Discharge Rate**  
Up to 100 A



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



**Flexible Installation Location**  
Indoor or Outdoor;  
Wall-mount, rack-mount and  
Outdoor Enclosure Options



**Expandable Capacity**  
Up to eight battery packs can  
be connected to provide 33.12  
kWh of usable capacity.



Optional Dual  
Battery Pack  
Outdoor  
Enclosure

## Specifications

<b>Battery Type</b>	Sodium-ion
<b>Capacity</b>	4.5 kWh
<b>Max. Charging / Discharging Current</b>	100 A / 100 A
<b>Rated Voltage</b>	45 V
<b>Operating Voltage Range</b>	33V - 59.2V
<b>Depth of Discharge</b>	92%
<b>Charging Temperature</b>	-20°C - 55°C
<b>Discharging Temperature</b>	-30°C - 55°C
<b>IP Grade</b>	IP20
<b>Humidity Range</b>	5 ~ 95%
<b>Dimensions (W x H x D)</b>	550 x 525 x 155 mm
<b>Weight</b>	54.5 kg
<b>Installation</b>	Wall-mount / Rack-mount / Optional IP65 Outdoor Enclosure
<b>Interface</b>	RS485 / CAN
<b>Standard</b>	EN IEC 61000-6, EN IEC 62619
<b>Product Warranty</b>	10 Years