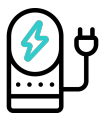


Volta ELB-4.5



Sodium-ion Technology
Green & Sustainable Battery



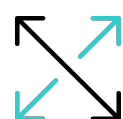
High Charge / Discharge Rate
Up to 100 A



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

Battery Type	Sodium-ion
Capacity	4.5 kWh
Max. Charging / Discharging Current	100 A / 100 A
Rated Voltage	45 V
Operating Voltage Range	33V - 59.2V
Depth of Discharge	92%
Charging Temperature	-20°C - 55°C
Discharging Temperature	-30°C - 55°C
IP Grade	IP20
Humidity Range	5 ~ 95%
Dimensions (W x H x D)	594 x 525 x 155 mm
Weight	54.5 kg
Installation	Wall-mount / Rack-mount / Optional IP65 Outdoor Enclosure
Interface	RS485 / CAN
Standard	EN IEC 61000-6, EN IEC 62619
Product Warranty	10 Years