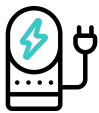


Volta ELB-4.5



Sodium-ion Technology
Green & Sustainable Battery



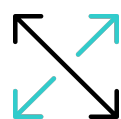
High Charge / Discharge Rate
Up to 100 A



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
640 (H) x 660
(W) x 400 mm
(D)

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% on-grid / 95% off-grid
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)	550 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