



## 100Ah 12V Sodium pack

Vaulta sodium-ion batteries deliver a groundbreaking energy solution, surpassing traditional lithium options. Ideal for anywhere where lead acid batteries are used including telecom, on/off-grid applications, 4x4 and camping. These innovative prioritize environmental sustainability and safety with a game-changing chemistry. Embrace the future with our cutting-edge technology—available for purchase or white labeling.

### Safe

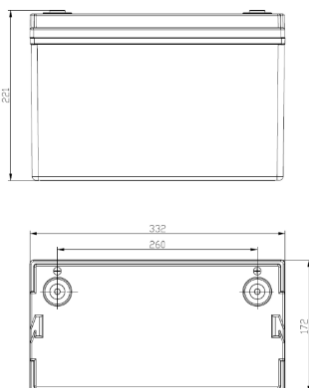
- No lithium
- Robust in hot and cold climates
- Pair with or without BMS
- Compliant, vigorously tested

### Reliable

- 10-year calendar life
- Higher C-rate capabilities
- Multiple charge/discharge profiles
- Sodium— safer than lithium

### Circular

- Zero cobalt
- Abundant resource of salt
- Remote monitoring through IoT (with BMS added)



### Specifications

Nominal voltage (Vdc)		11.4
Nominal capacity (kWh)		100Ah
Usable capacity (kWh)		100Ah
Dimensions (mm)		318 x 171 x 221H
Terminals		M6 female
Weight (Kg)		16
Charge / Discharge Current (A)	Recommended	100A/100A (1C)
	Max continuous	200A/200A (2C) 10s
Voltage range (V)		6-13.2
Communication port		Nil – no BMS
String		4S2P
IP rating		IP67
BMS		No
Working temperature (C°) - charge		-10 to 50
Working temperature (C°) - discharge		-45 to 65
Shelf temperature (C°)		25 recommended
Calendar life		10 years @ 25 (C°)
Cycle life		8000 cycles 0.5C/0.5C @ 25 (C°) 80% DOD
Compliance		YD/T2344.1-2011 / QB-H-058-202001