

### Use

- › Electric mobility
- › Solar energy / wind turbine
- › Inverter
- › Telecommunications
- › Lighting
- › Supports a current capable of operating a capsule coffee maker

### Characteristics

- › **Long useful life**  
Up to 4000 cycles at 80% DoD.
- › **Light weight**  
About 40% lighter than an equivalent acid or GEL battery.
- › **Large temperature range**  
Operating temperature between -20°C and 60°C.
- › **Safe**  
The lithium iron phosphate technology eliminates the risk of explosion or combustion due to shock, overload or short circuit condition.
- › **Communication**  
Check charge level and battery status via mobile app.
- › **Standby**  
An on/off button switches the battery off when not in use, to avoid residual power consumption.
- › A connector also allows a **remote on/off button to be added** in a more easily accessible location (accessory not included).



### Specifications

		AUX100
	Reference	10310-A100A
Technical features	Nominal voltage	12.8 V
	Nominal capacity	100 Ah / 1280 Wh
	Full battery voltage	14.2 V - 14.6 V
	Useful life	≥ 4000 cycles to 80% of DoD
Charge characteristics	Charging voltage	14.2 V - 14.6 V
	Nominal charge current	20 A
	Maximum charge current	100 A
Discharge characteristics	Continuous discharge current	100 A
	Discharge current for 30s	120 A
	Discharge current spikes	200 A
Protections	Built-in protections	Overload, deep charge, heating, cell balancing
Environment	Charging temperature	0°C to 45°C
	Discharge temperature	-20°C to 60°C
Mechanic	Dimensions	27 x 19 x 18 cm
	Weight	12 Kg
Communication	Bluetooth	Android and iOS mobile application
Certification	R10	Battery pack



App mobile  
Android



App mobile  
iOS