

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

		ACE-12.8V050AH-B	ACE-12.8V100AH-B
	Reference	22100-0050BA	22100-0100BA
Technical features	Nominal voltage	12.8 V	
	Nominal capacity	50 Ah / 640 Wh	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	10 A	20 A
	Maximum charge current	50 A	100 A
Discharge characteristics	Continuous discharge current	50 A	100 A
	Discharge current for 30s	60 A	120 A
	Discharge current spikes	100 A	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	35.8 x 17.7 x 19.5 cm	
	Weight	6,5 kg	11 kg
Communication	Bluetooth	Android and iOS mobile application	
Certification	R10	E57*10R06/02*0853*00	



App mobile
Android



App mobile
iOS