

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-12.8V100AH	ACE-12.8V150H
Reference	22100-0100N	22100-0150N
Technical features	Nominal voltage 12.8 V Nominal capacity 100 Ah / 1280 Wh 150 Ah / 1920 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 30 A Maximum charge current 100 A 100 A	
Discharge characteristics	Continuous discharge current 100 A 150 A Discharge current for 30s 120 A 300 A Discharge current spikes 200 A 400 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 x 17 x 22 cm	35 x 17 x 22 cm
Communication	Weight 12 kg	14 kg
	Bluetooth Android and iOS mobile application	



App mobile
Android



App mobile
iOS

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Specifications

	Reference	ACE-12.8V200AH
Technical features	Reference	22100-0200N
	Nominal voltage	12.8 V
	Nominal capacity	200 Ah / 2560 Wh
	Full battery voltage	14.2 V - 14.6 V
Charge characteristics	Useful life	≥ 4000 cycles to 80% of DoD
	Charging voltage	14.2 V - 14.6 V
	Nominal charge current	40 A
Discharge characteristics	Maximum charge current	100 A
	Continuous discharge current	200 A
	Discharge current for 30s	300 A
Protections	Discharge current spikes	400 A
	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	37 x 22 x 20 cm
	Total Dimensions	37 x 22 x 22.5 cm
	Weight	22 kg
Communication	Bluetooth	Android and iOS mobile application



App mobile
Android



App mobile
iOS