

### 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-B                               | ACE-12.8V100H-B+                   |
|---------------------------|--|------------------------------------|
| Reference                 | 22100-0100BA                                   | 22100-0100BA                       |
| 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                    |                                    |
| Charging voltage          | 14.2 V - 14.6 V                                |                                    |
| Charge characteristics    | 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               | 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   | 11 kg                              |
| Communication             | Bluetooth                                      | Android and iOS mobile application |



App mobile  
Android



App mobile  
iOS