

Use

- › Electric mobility
- › Solar energy / wind turbine storage
- › Inverter
- › Telecommunications
- › Lighting

Features

- › **Long useful life**
Up to 4000 cycles at 0.2 C charge and discharge.
- › **Light weight**
About 40% of the weight of an equivalent acid or GEL battery.
- › **More powerful**
Delivers twice the power as a lead-acid battery, even with a high discharge rate level, while keeping a high energy capacity. High discharge current accepted (1000A for 30 ms).
- › **Wide temperature range**
Operating temperature ranging from -20 °C to 60 °C.
- › **Safe**
The lithium iron phosphate technology eliminates the risk of explosion or combustion due to shock, overcharging or short circuit.
- › **Maintenance-free**
No maintenance required.



	ACE-HIC100BT	ACE-HIC150BT
Reference	22100-0100C	22100-0150C
Technical features	Nominal voltage: 12.8V Nominal capacity: 100Ah / 1280Wh (HIC100) / 150Ah / 1920Wh (HIC150) Full battery voltage: 14.4V Useful life: ≥4 000 cycles à 0.2C de charge / décharge	
Charge Characteristics	End-of-charge voltage: 14.2V - 14.6V Recommended maximum charge current: 50A (HIC100) / 75A (HIC150) Maximum charge current: 100A (HIC100) / 150A (HIC150)	
Discharge Characteristics	Continuous discharge current: 200A Maximum discharge current (<30s): 390A Admissible peak current (<30ms): 1000A	
PCM Protection	Built-in protections: overcharging, deep discharge, heating, cell balancing	
Environment	Charging temperature: 0°C à 45°C Discharge temperature: -20°C à 60°C Storage temperature: -40°C à 60°C	
Mechanic	Cell type: LFP Case: ABS Dimensions (L x W x H): 35 x 17 x 22 cm (HIC100) / 41 x 17 x 22 cm (HIC150) Weight: 12 kg (HIC100) / 16.5 kg (HIC150) Connection: M8	
Communication	Bluetooth: 4.0 or higher	

