

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	150Ah / 1920Wh
	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	75A
	Maximum charge current	100A	150A
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	41 x 17 x 22 cm
	Weight	12 kg	16.5 kg
	Connection	M8	
Communication	Bluetooth	4.0 or higher	

