

Sodium-ion Battery

AS-12 3.9(12V 3.9Ah)

Features

Longer Cycle Life : Offer up to 10 times longer cycle life and five times longer float/calendar life than lead acid battery, helping it minimize replacement cost and reduce total cost of ownership.

Lighter Weight : About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.

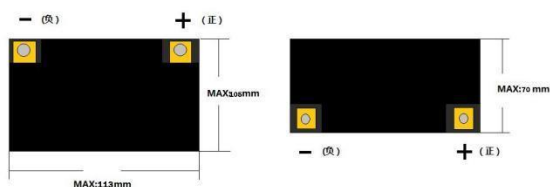
Higher Power : Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.

Wider Temperature Range : -40~80°C

Superior Safety : Eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.



Dimension-mm



Application

- Motorcycle Starting

Specification

Basic Parameters	Rated Voltage	12V
	Rated Capacity	3.9Ah
	Internal Resistance (AC)	≤80mΩ
	Cycle Life	≥3000 cycles @80%DOD
Charge	Charge Voltage	16±0.05V
	Charge Current (Max.)	11.7A
	Charge Current	1.95A
	Charge cut-off voltage	15.8V
Discharge	Discharge Voltage (Min.)	8.0V
	Discharge Current(Recomm.)	1.95A
	Max. continues discharge Current	39A
	Instantaneous Max. discharge current	78A (≤0.5S)
Environment	Charge Temperature	0°C to 45°C
	Discharge Temperature	-40°C to 80°C
	Humidity	65%±20%RH
Physical Characteristics	IP Class	IP 65
	Terminal	M5
	Plastic Case	ABS
	Dimensions (mm)	113*105*70mm
	Weight (kg)	772g