

# 6-EVF-45

# Koyosonic

## GENERAL FEATURES

Internal formation technology, alloy free of cadmium and arsenic, environmentally friendly. Reliable sealing structure, no leakage, no need for fluid maintenance. High specific energy and high specific efficiency, excellent large current discharge performance. Good charge acceptance performance, wide temperature range. Low self-discharge rate and long cycle life of deep charge and discharge.

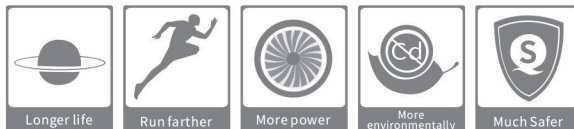


## Product Applications



Electric Tricycle

## Product Features

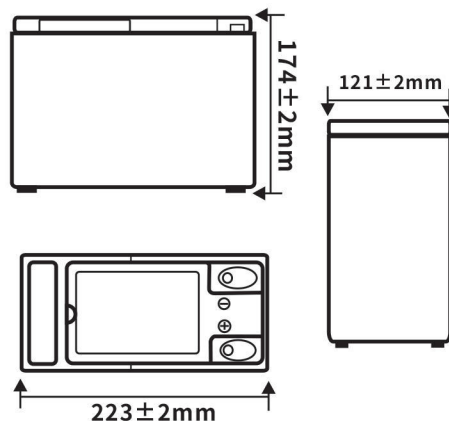


## Parameters

Voltage(V)	12	
3hr capacity (AH)	45	
Dimension ( $\pm 2$ mm)	L(mm)	223
	W(mm)	121
	H(mm)	174
	T/H(mm)	174
Weight(Kg)	12.80 $\pm$ 0.1kg	
Material of Shell	ABS	
Max resistance(m $\Omega$ )	$\leq 11$	
Terminal	Copper	
Operating Temperature Range		
Discharge:	-35°C (-31°F)~50°C (122°F)	
Charge:	-15°C (5°F)~40°C (104°F)	
Storage:	-15°C (5°F)~40°C (104°F)	

Capacity $\geq$ (Ah,25°C)	3hr(15.0A to 10.5V)	45
	5hr(9.0A to 10.5V)	47.5
	10hr(4.50A to 10.5V)	49.5
	20hr(2.25A to 10.5V)	52.5
Self dischargeRate (20°C)	$\geq 85\%$ /3month	
Charging voltage(V)	Floating 13.5V~13.8V	
	cycling 14.4V~14.8V	
discharge current(A)	3.0 I <sub>3</sub>	
charge current(A)	0.15 C <sub>3</sub>	
Terminal	$\phi 11.8$ -M5	
Residual capacity after self-discharge $\geq$	30d	90%
	60d	85%
	90d	82%
	180d	80%

## OUTER DIMWENSIONS



## BATTERY FEATURE

