KB6225 6V 225h

Kaise motive power batteries are mainly used in electric bicycles, electric tricycles, low-speed electric cars, golf carts and sightseeing carts. The products are mainly supplied to the mainstream manufacturers in the industry.

Performance Characteristics

Nominal Voltage	6V	
Dimensions	Length (mm / inch)	260 / 10.24
	Width (mm / inch)	180 / 7.09
	Height (mm / inch)	248 / 9.76
	Total Height (mm / inch)	279.5 / 11.0
Approx Weight	(Kg / lbs)	27.5 / 60.6
Design Life	10 years	
Terminal	DT - F2	
Container Material	PP	
Rated Capacity	225Ah / 11.3A	(20hr, 1.75V / cell, 25ºC / 77ºF)
	185Ah / 37.0A	(5hr, 1.75V / cell, 25ºC / 77ºF)

Charge Method

Initial Charge:

①0.1C (A) charging 15h

②0 .05C (A) charging 10h

The temperature of the battery should be below 50℃ during charging.

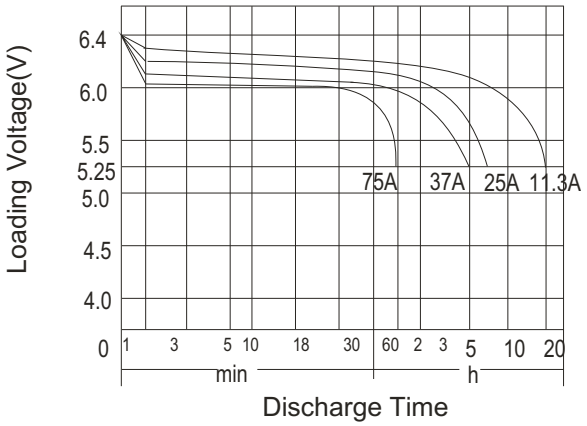
Supplement Charge:

a)Charging at a constant voltage of 7.35~7.5V/cell and a limited current 0.25C (A) until the electrolyte density up to 1.280g/cm^3 (30℃) and the current not change for 3 hours.

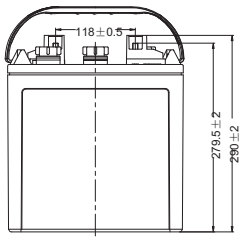
b)Charge with constant current 0.1C (A) until the voltage between 7.8~8.4V/cell, and voltage maintains for 3 hours and not change.

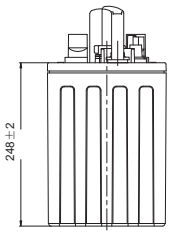
Two method optional

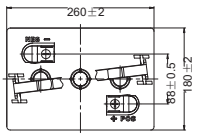
Discharge Characeteristics (25ºC, 77ºF)

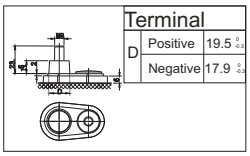


Dimensions and Terminal (Unit: mm (inches))









Applications

Electric bicycles
Electric tricycles
Electric cars
Golf Carts
Sightseeing Carts

Certifications

ISO 9001:2008 ISO 14001:2008

Discharge Current vs. Discharge Voltage

Final discharge voltage V/CELL	1,8	1,75	1,7	1,6
Discharge current (A)	I ≤ 0,1CA	0.25CA ≥ I > 0.1CA	0.55CA ≥ I > 0.25CA	I > 0.55CA

(Note) The above characteristics data are average values obtained within three charge/discharge cycles not the mimimum values.