KB12150TR 12V 150Ah

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	12V	
Dimensions	Length (mm / inch)	328 / 12.92
	Width (mm / inch)	180 / 7.09
	Height (mm / inch)	248 / 9.76
	Total Height (mm / inch)	279.5 / 11.0
Approx Weight	(Kg / lbs)	36.7 / 80.9
Terminal	M8	
Container Material	PP	
Rated Capacity	150Ah / 7.5A	(20hr, 1.75V / cell, 25ºC / 77ºF)
	120Ah / 24A	(5hr, 1.75V / cell, 25ºC / 77ºF)
Reserve Capacity	25Amps	280min
	56Amps	102min

Charge Method

Initial Charge:

①0.1C_{20}(A) charging 15h

②0 .05C_{20}(A) charging 10h

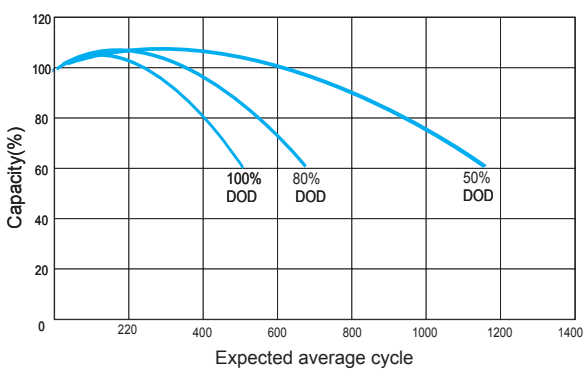
The temperature of the battery should be below 50℃ during charging.

Supplement Charge:

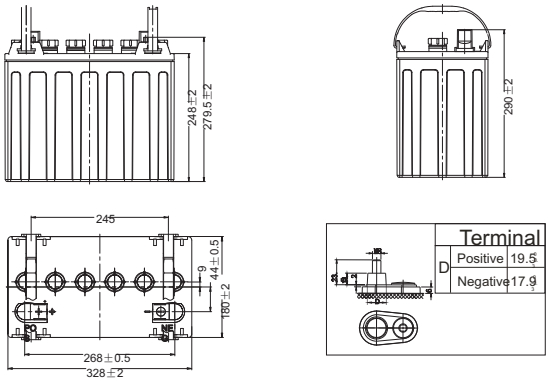
a) Charging at a constant voltage of 14.7~15V/cell and a limited current 0.25C_{20}(A) until the electrolyte density up to 1.280g/cm ^{3} (30℃) and the current not change for 3 hours.

b) Charge with constant current 0.1C_{20} (A) until the voltage between 15.6~16.8V/cell, and voltage maintains for 3 hours and not change.
Two method optional.

Cycle Life in Relation to Depth of Discharge



Dimensions and Terminal (Unit: mm (inches))



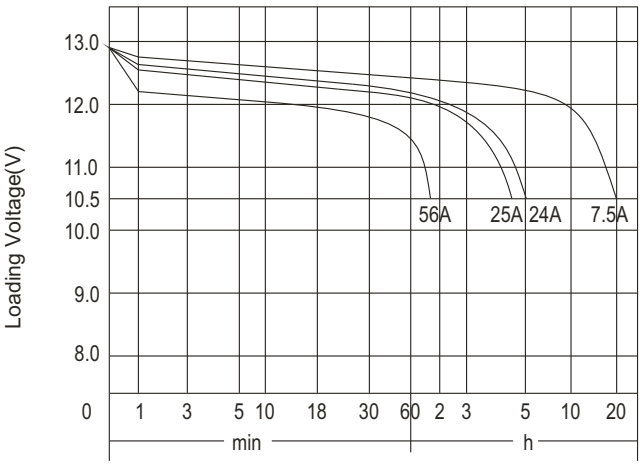
Applications

Electric bicycles
Electric tricycles
Electric cars
Golf Carts
Sightseeing Carts

Certifications

ISO 9001 / ISO 14001

Discharge Characeteristics (25ºC, 77ºF)



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

2024/V1