KB8190TR 8V 190Ah

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	8V	
Dimensions	Length (mm / inch)	260 / 10.2
	Width (mm / inch)	180 / 7.09
	Height (mm / inch)	248 / 9.76
	Total Height (mm / inch)	279.5 / 11.0
Approx Weight	(Kg / lbs)	31.5 / 69.4
Terminal	M8	
Container Material	PP	
Rated Capacity	190Ah	(20hr, 1.75V / cell, 25ºC / 77ºF)
	155Ah	(5hr, 1.75V / cell, 25ºC / 77ºF)
Reserve Capacity	25Amps	340min
	56Amps	132min

Charge Method

Initial Charge:

①0.1C_{20} (A) charging 15h

②0 .05C_{20} (A) charging 10h

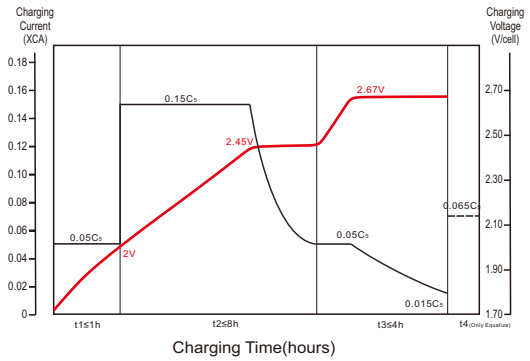
The temperature of the battery should be below 50℃ during charging.

Supplement Charge:

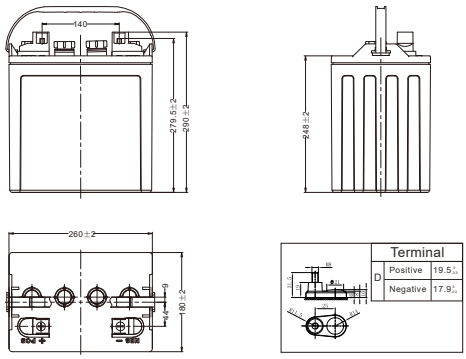
a) Charging at a constant voltage of 9.8~10V/cell and a limited current 0.25C_{20}(A) until the electrolyte density up to 1.280g/cm³(30℃) and the current not change for 3 hours.

b) Charge with constant current 0.1C_{20}(A) until the voltage between 10.4~11.2V/cell, and voltage maintains for 3 hours and not change.
Two method optional.

Charging Characteristics



Dimensions and Terminal (Unit: mm (inches))



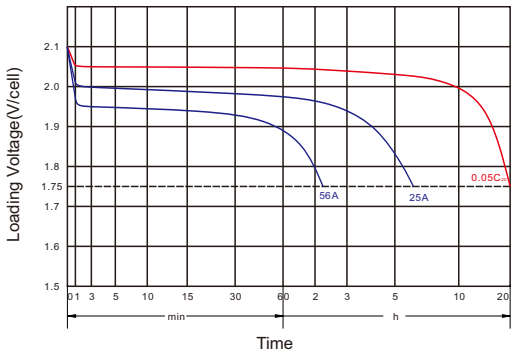
Applications

Electric bicycles
Electric tricycles
Electric cars
Golf Carts
Sightseeing Carts
Cleaning equipment

Certifications

ISO 9001 / ISO 14001

Discharge Characteristics (25ºC, 77ºF)



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

2025/V1