6-DZF-22.5

VRLA gel battery for electric bicycle

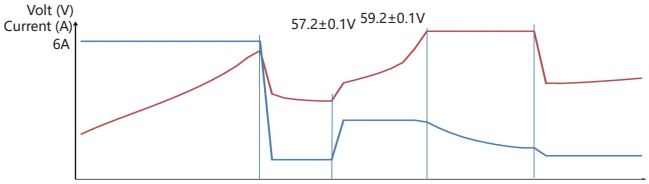
Specifications		
Rataed volt (V)		12 V
Rated capacity (2hr)		22.5 Ah
Dimensions	Length	181 mm
	Width	77 mm
	Height	170 mm
	Total height	170 mm
Ref.weight (kg)		6.5 Kg
Performance parameter		
Rated capacity (25℃)	2hr capacity(10A discharge): 22.5Ah	
Battery capacity at different temp. （2hr）	40℃	102%
	25℃	100%
	0℃	85%
	-15℃	70%
Storage capacity (25℃)	3 months	90%
	6 months	80%
	9 months	60%
Limited voltage charge(25℃)	Cycle use	max.charge current 2.3-2.7A
		14.65V-14.75V/pc
	Float charge	13.7V-13.8V/pc

Product usage configuration requirements:

1.Controller parameters
under voltage protection: 10.50V/pc
over current protection: 25A

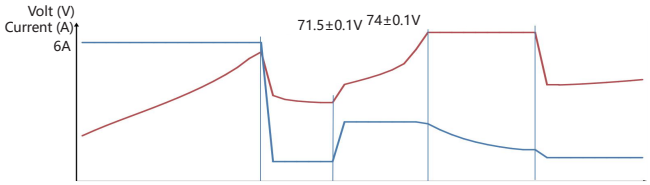
2.Motor parameter
Running current: ≤10.0A
Motor power ≤450W

6-DZF-22.5 (4pcs/group 25℃±2℃) charge curve



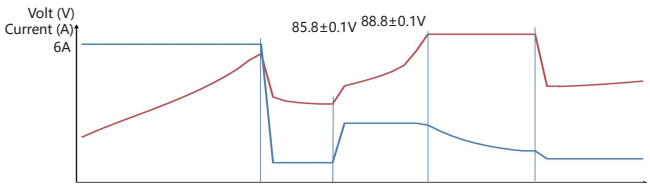
1st phase: 6.0A constant current to 57.2 ± 0.10v, static for 5min
2nd phase: 2.0A constant current and voltage 59.2 ± 0.1V
3rd phase: the current is reduced to 0.6A to 0.2A, and the constant current is 90min.
Temp. compensation coefficient: 2.5-4.0mV(singe cell*℃)

6-DZF-22.5 (5pcs/group 25℃±2℃) charge curve



1st phase: 6.0A constant current to 71.5 ± 0.10v, static for 5min
2nd phase: 2.0A constant current and voltage 74 ± 0.1V
3rd phase: the current is reduced to 0.6A to 0.2A, and the constant current is 90min.
Temp. compensation coefficient: 2.5-4.0mV(singe cell*℃)

6-DZF-22.5 (6pcs/group 25℃±2℃) charge curve



1st phase: 6.0A constant current to 85.8 ± 0.10v, static for 5min
2nd phase: 2.0A constant current and voltage 88.8 ± 0.1V
3rd phase: the current is reduced to 0.6A to 0.2A, and the constant current is 90min.
Temp. compensation coefficient: 2.5-4.0mV(singe cell*℃)

6-DZF-22.5 (25℃±2℃) discharge curve