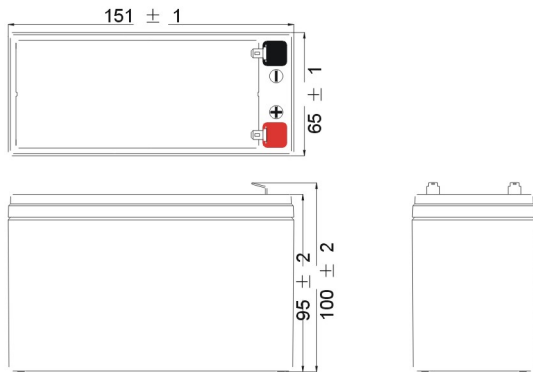




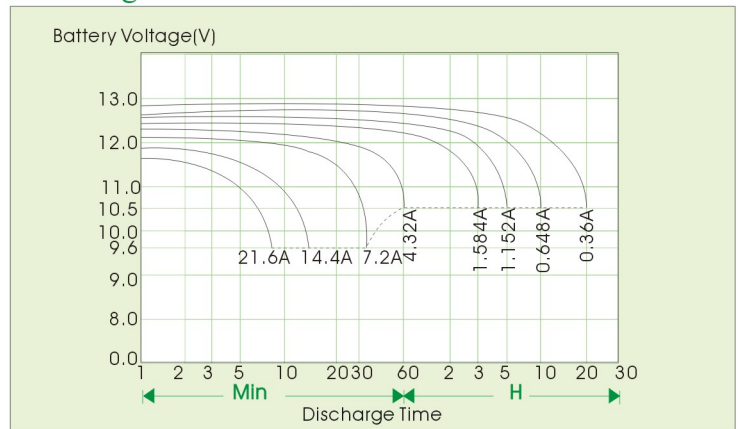
Dimensions(mm)



Nominal voltage		12V
Rated Capacity (20 HR)		7.2AH
Approx Weight		2.2kg
Terminal	Standard	F1-TAB 187E
	Optional	F2-TAB 250A
Operation Temperature		
Charge	0°C(32°F)~40°C(104°F)	
Discharge	-20°C(-4°F)~50°C(122°F)	
Storage	-20°C(-4°F)~40°C(104°F)	

Capacity 25°C (77°F)	20 hour rate (0.36A)	7.2AH
	10 hour rate (0.648A)	6.48AH
	5 hour rate (1.152A)	5.76AH
	1 hour rate (4.32A)	4.32AH
Capacity affected by temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
	-15°C (5°F)	65%
Self-discharge at 25°C (77°F) (Before recharge)	Capacity after 3 month	91%
	Capacity after 6 month	82%
	Capacity after 12 month	64%
Constant voltage charge	Cycle	Initial Charging Current ≤ 2.16A 14.4V~15V at 25°C (77°F)
	Standby	13.5V~13.8V at 25°C (77°F)
Max discharge current for 5 se		108A

Discharge characteristic



Note: Discharge shall be cut-off at 10.5V if discharge at $<1C_A$ and at 9.6V if at $\geq 1C_A$
It is recommended to recharge battery by constant-voltage charge immediately after use

Constant current (Amp) and Constant Power (Watt) Discharge Table at 25°C (77°F)

Final voltage	Time (min)	Discharge Time									
		5	10	15	20	30	60	120	180	300	600
1.80VPC	A	17.558	12.857	10.142	8.475	6.542	4.001	2.397	1.749	1.142	0.627
	W	194.091	146.386	110.530	98.126	75.785	46.915	28.426	20.650	13.565	8.152
1.75VPC	A	18.463	13.330	10.584	8.887	7.066	4.320	2.489	1.584	1.152	0.648
	W	202.546	153.422	121.886	102.693	78.562	49.723	29.462	21.427	14.083	8.208
1.70VPC	A	19.995	14.122	11.078	9.350	7.200	4.361	2.633	1.923	1.255	0.689
	W	213.902	157.001	126.638	106.581	81.093	50.587	30.240	22.075	14.472	8.251
1.65VPC	A	21.178	14.698	11.427	9.597	7.344	4.413	2.637	1.920	1.257	0.692
	W	223.899	161.568	127.502	109.173	81.833	51.235	30.586	22.248	14.639	8.270
1.60VPC	A	22.505	15.315	12.003	9.865	7.581	4.485	2.687	1.740	1.274	0.706
	W	227.973	164.407	129.909	108.555	82.697	51.581	30.802	22.378	14.731	8.270