

Join us in the change



GLB 12-7.2

(12V-7.2Ah)



General Features

- Nanosilica colloidal electrolyte and high tin positive plate alloy design to enhance battery performance.
- Relatively rich electrolyte, high temperature and low temperature performance are superior.
- Long cycle life, excellent deep cycle discharge ability.
- Excellent charge acceptance ability.
- Precision sealing technology.
- Long life.

Applications

- Solar / wind energy and other new energy storage.
- UPS/EPS.
- Power systems.
- Telecommunications system.
- Emergency lighting, Auto control system.

GLB 12-7.2 Solar Battery

(12V-7.2Ah)

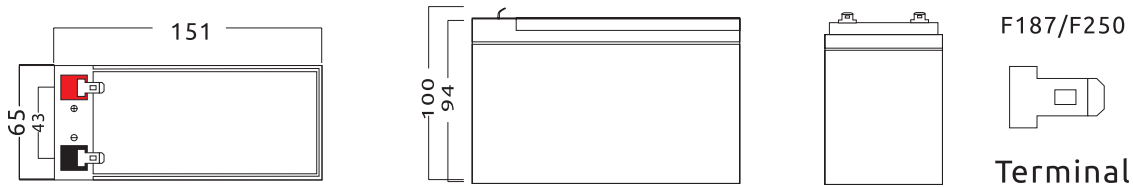


Specification

Nominal Voltage	12V
Voltage capacity	7.2 Ah
Container material	A.B.S. (UL94-V0)
Weight	Approx. 2.15 Kg (4.5 lbs)
Internal resistance	Full charged at 25°C: 30.0 mΩ
Terminal	F250/F187
Design life	12 years
Maximum charging current	105A(5S)
Self discharge	3% of capacity declined per month at 25°C
Rated capacity	7.20 Ah 20 Hours rate (0.36A to 10.5V) 5.58 Ah 3 Hours rate (1.86A to 10.5V) 4.75 Ah 1 Hours rate (4.75A to 10.5V)
Operating temperature	Discharge: -40 ~60°C(-40~ 140°F) Charge: -20 ~50°C(-4~ 122°F) Storage: -20 ~50°C(-4~ 122°F)
Charge Method (25 °C)	Charge current: Max. 1.80A; recom.0.72A Float Charge: 13.5-13.8V, recom.13.5V (-18mV/°C) Equalize charge: 13.8-14.1V, recom.14.1V (-24mV/°C) Cycle charge:14.4-15.0V,recom.14.4V(-30mV/°C)

Dimensions

151(L)×65(W)×94(H)×100(TH) Unit: mm



Constant current discharge characteristics : A (25°C 77°F)

FV/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	28.5	18.6	13.9	9.11	4.75	2.72	1.99	1.59	1.35	0.893	0.713	0.382
1.65V	28.3	17.9	12.7	8.65	4.46	2.61	1.93	1.54	1.32	0.878	0.706	0.374
1.70V	23.2	16.8	11.9	8.38	4.32	2.56	1.89	1.46	1.31	0.864	0.691	0.367
1.75V	21.5	16.0	11.1	8.19	4.17	2.50	1.86	1.44	1.25	0.842	0.677	0.360
1.80V	19.8	15.0	10.3	7.92	4.02	2.43	1.76	1.41	1.20	0.821	0.662	0.346

Constant power discharge characteristics : W/cell (25°C 77°F)

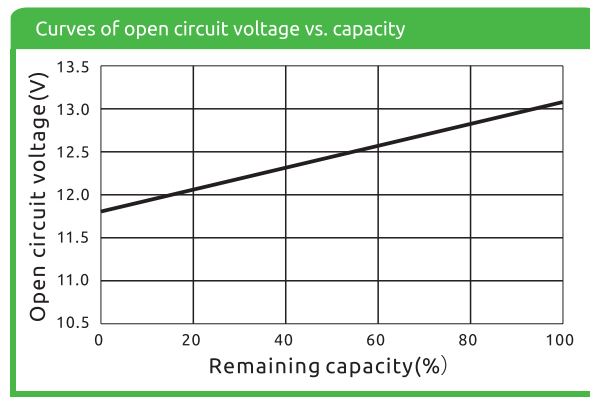
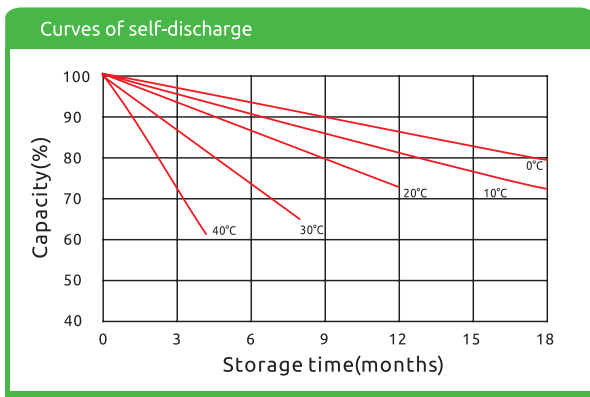
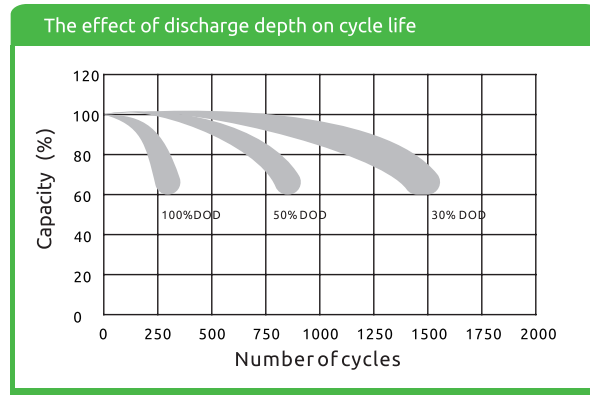
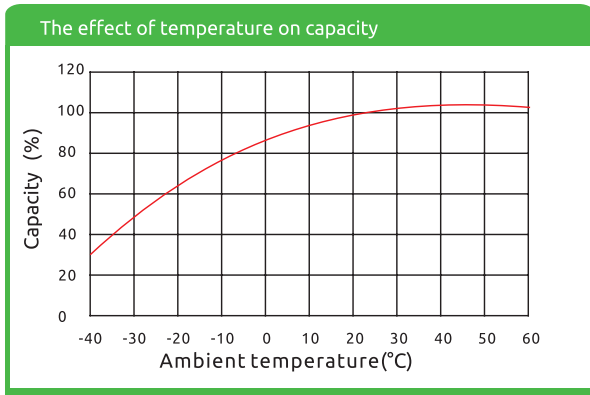
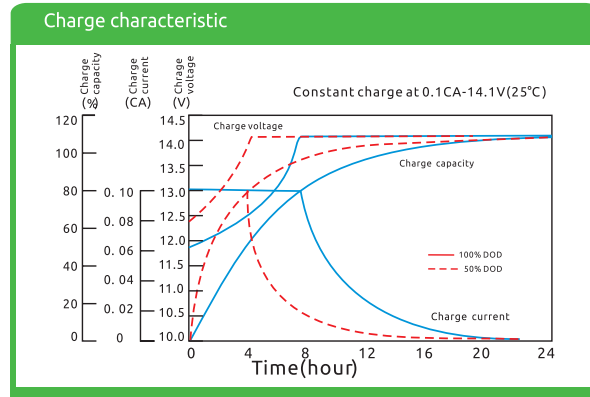
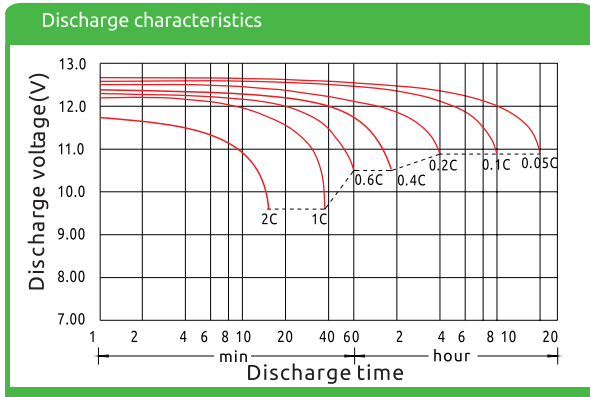
FV/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	53.5	33.6	25.4	15.4	8.71	5.10	3.76	3.01	2.56	1.68	1.38	0.756
1.65V	49.3	31.8	23.9	15.3	8.20	4.91	3.65	2.92	2.51	1.66	1.35	0.736
1.70V	45.1	30.8	22.8	15.2	7.94	4.81	3.59	2.77	2.44	1.64	1.34	0.730
1.75V	40.9	29.9	22.0	15.1	7.72	4.70	3.54	2.74	2.39	1.58	1.31	0.714
1.80V	36.7	28.9	21.0	15.0	7.61	4.67	3.44	2.71	2.33	1.52	1.29	0.709

Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

Join us in The change

GLB 12-7.2 Solar Battery

(12V-7.2Ah)



Join us in The change