

Join us in the change



GLB 12-9

(12V-9Ah)



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.

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(12V-9Ah)

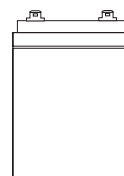
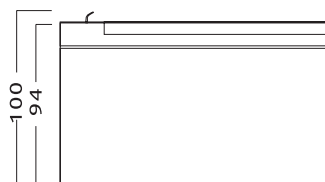
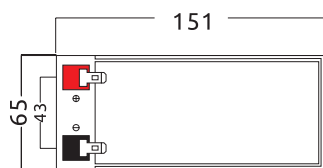


Specification

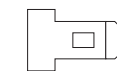
Nominal Voltage	12V
Voltage capacity	9 Ah
Container material	A.B.S. (UL94-V0)
Weight	Approx. 2.55 Kg (5.63 lbs)
Internal resistance	Full charged at 25°C: 20.0 mΩ
Terminal	F250/F187
Design life	12 years
Maximum charging current	135A(5S)
Self discharge	3% of capacity declined per month at 25°C
Rated capacity	9.00 Ah 20 Hours rate (0.45A to 10.5V) 6.96 Ah 3 Hours rate (2.32A to 10.5V) 5.88 Ah 1 Hours rate (5.88A to 9.60V)
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. 2.25A; recom.0.90A 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



F187/F250



Terminal

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

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	34.9	22.9	17.2	11.3	5.88	3.37	2.46	1.98	1.68	1.11	0.896	0.478
1.65V	34.7	21.8	15.8	10.7	5.52	3.24	2.39	1.91	1.64	1.09	0.884	0.469
1.70V	28.4	20.7	14.7	10.4	5.34	3.17	2.35	1.82	1.62	1.07	0.869	0.460
1.75V	26.5	19.5	13.7	10.1	5.17	3.10	2.32	1.78	1.55	1.04	0.848	0.451
1.80V	24.3	18.5	12.8	9.80	4.99	3.02	2.19	1.75	1.49	1.02	0.836	0.433

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

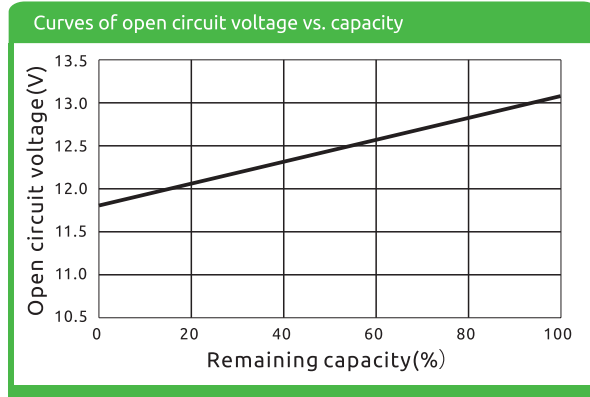
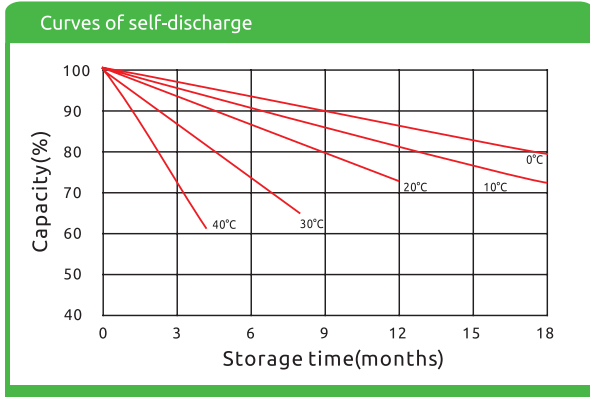
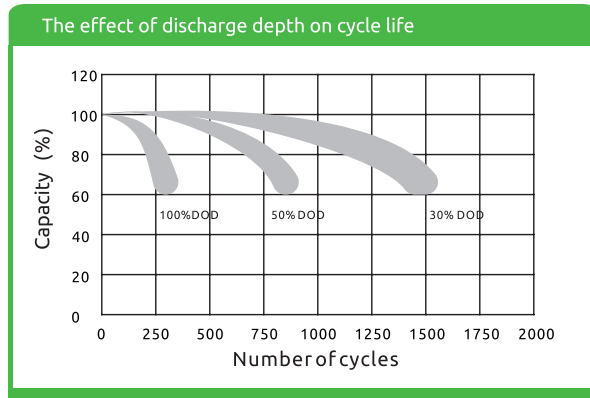
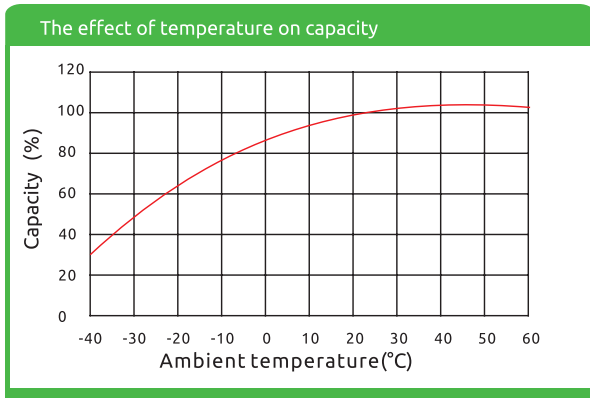
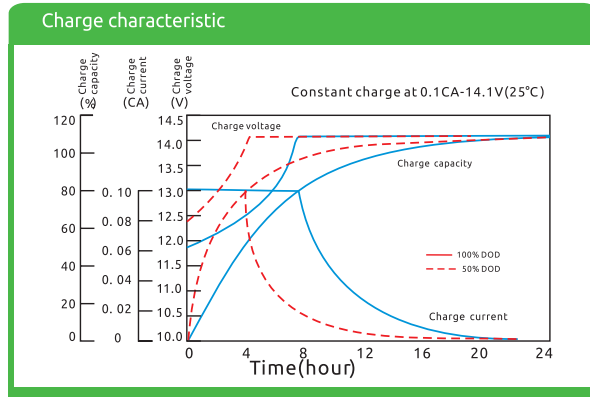
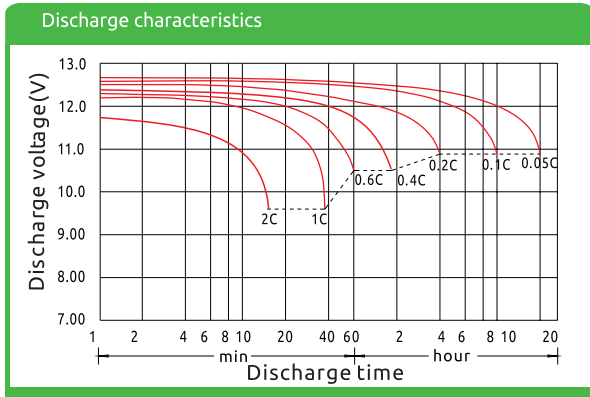
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	65.6	41.1	31.6	19.0	10.83	6.31	4.65	3.74	3.17	2.08	1.74	0.951
1.65V	60.5	38.9	29.5	18.8	10.11	6.07	4.51	3.61	3.10	2.05	1.70	0.922
1.70V	55.2	37.7	28.2	19.0	9.81	5.95	4.44	3.43	3.01	2.03	1.69	0.915
1.75V	50.1	36.6	27.3	18.8	9.52	5.82	4.38	3.37	2.96	1.94	1.65	0.898
1.80V	45.0	35.4	26.0	18.5	9.38	5.77	4.26	3.34	2.89	1.89	1.62	0.893

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.

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