



CJ12-18

(12V18Ah)

AUS_{CELL} No. 1

CJ12-18 is a general purpose battery with 5 years floating design life , meet with IEC, JIS standard .With heavy duty grid, thickness plates, special additives, CJ series battery have long and reliable standby service life.

Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	18Ah@20hr-rate to 1.75V per cell @25°C
Weight	Approx. 5.0 Kg
Max. Discharge Current	180 A (5 sec)
Internal Resistance	Approx. 14 mΩ
Operating Temperature Range	Discharge: -20°C~60°C Charge: 0°C~50°C Storage: -20°C~60°C
Normal Operating Temperature Range	25°C±5°C
Float charging Voltage	13.7 to 13.9 VDC/unit Average at 25°C
Recommended Maximum Charging Current Limit	5.4 A
Equalization and Cycle Service	14.6 to 14.8 VDC/unit Average at 25°C
Self Discharge	Valve Regulated Lead Acid(VRLA) batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.
Terminal	Faston F3/F13
Constainer Material	A.B.S. (UL94-HB) , Flammability resistance of UL94-V2 can be available upon request.



MH28539



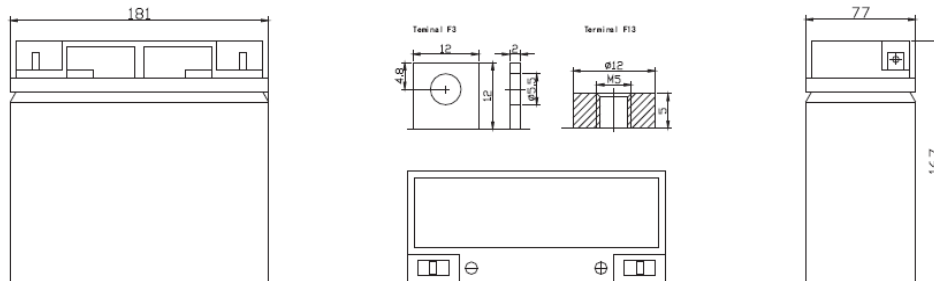
G4M20206-0910-E-16



ISO9001:2000 Certificate

Dimensions

Unit: mm Dimension: 181(L)×77(W)×167(H)



Constant Current Discharge Characteristics : A(25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	73.19	47.99	37.61	21.11	12.55	7.226	4.910	3.929	3.263	2.078	1.799	1.010
10.0V	70.55	46.79	36.41	20.84	12.20	7.080	4.820	3.875	3.208	2.070	1.781	0.973
10.2V	66.40	44.47	35.40	20.53	12.09	7.005	4.777	3.837	3.173	2.051	1.754	0.955
10.5V	59.69	41.58	33.39	19.96	11.85	6.914	4.734	3.800	3.135	2.033	1.745	0.927
10.8V	53.48	38.78	31.50	19.30	11.64	6.857	4.679	3.781	3.102	2.025	1.716	0.873
11.1V	46.79	35.55	29.06	18.57	11.32	6.581	4.587	3.748	3.070	2.009	1.689	0.858

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	770.0	510.4	402.7	241.7	145.7	84.30	57.40	46.50	38.63	24.89	21.56	12.10
10.0V	749.9	499.8	396.9	239.2	143.5	83.58	57.28	46.39	38.43	24.79	21.35	11.67
10.2V	713.3	480.0	391.7	237.1	142.5	83.05	57.07	46.01	38.06	24.60	21.15	11.46
10.5V	651.0	460.2	371.3	232.3	140.6	82.38	56.83	45.59	37.61	24.40	20.93	11.13
10.8V	587.4	430.5	350.8	226.8	138.3	81.70	56.17	45.42	37.22	24.29	20.61	10.49
11.1V	518.0	400.8	330.4	220.6	135.7	78.88	55.07	44.96	36.86	24.12	20.31	10.32

All mentioned values are average values.